



Metcalf Energy Center

October 14, 2002

Mr. Steve Munro, Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA 95814

Subject: Metcalf Energy Center 99-AFC-3
Monthly Compliance Report #12, September 1 – September 30, 2002

Dear Mr. Munro:

In accordance with the CEC Commission Decision, enclosed please find a Monthly Compliance Report (Report) and Compliance Matrix for the Metcalf Energy Center. This report is for the period beginning September 1 through September 30, 2002.

The Report lists those Conditions of Certification that require submittal with the Monthly Compliance Report as stated in the Commission Decision. These submittals are listed in the Report and are attached.

A copy of this report is also being submitted to the library nearest the project site, Santa Teresa Branch Library, as required in the Commission Decision.

If you have any questions please call me at (408) 463-6001.

Sincerely,

A handwritten signature in black ink that reads "Kristen O'Kane".

Kristen O'Kane
Environmental Compliance Manager
METCALF ENERGY CENTER

Enclosures

cc: Ken Abreu, Calpine
Steve DeYoung, Calpine
Nick LaPorte, Calpine
Don Wimberly, Willdan

**Metcalf Energy Center
99-AFC-2**

**Monthly Compliance Report #12
September 1 – September 30, 2002**

1. Project construction status

Plant area: We began the installation of a portion of the storm water collection system. This included the main trunk collection pipe from the last catch basin located within the plant into the storm water collection basin. We tapered the site drainage swales to flow into that catch basin so we can divert the storm water into the basin this winter. We began installing the riser, the discharge pipe and the riprap ditch that takes the storm water from the storm basin to the head of the discharge pipe that will penetrate the levee of Fisher Creek. The discharge pipe through the levee has not been installed through the levee because we are waiting on the final permit from the Regional Water Quality Control Board. If this cannot be completed by the 15th of October we will continue with the plan to use the storm basin. However, the discharge from the storm basin would collect behind the levee to Fisher Creek and sheet flow into the riparian area to the north of the basin through the silt fence.

North laydown area: We continued to receive material that must be stored in the warehouse. We began the process of entering into a database all of the inventory and location information for all of the material that we have received to date.

Engineering: This progress report covers engineering tasks completed through September 2002. The engineering progress is approximately 63.7 % complete. Continued with modification of the major equipment foundation and piling design.

Key Accomplishments

1) The following documents were issued by Burns and Roe Enterprises, Inc.:

- Issued the following documents to CBO for approval:
 - STG Platform Steel drawings and Calculation
 - Boiler Feedwater Pump Foundation Drawings and Calculations
 - CTG Inlet Air filter and Silencer Foundation Drawings and Calculations
 - CTG and Cooling tower piles and foundations design package with drawings and calculations for the revise pile capacities
 - PDC layouts
- Issued the following documents for Bid:
 - PDC layouts
 - MCC One lines
 - MV Controller One lines
 - Power Panels
 - Battery system specification

- Horizontal Pump Specification
- Issued the following documents for review:
 - Cooling tower PDC tray plans
 - Three line diagrams
 - Plate and Frame Heat Exchanger specification

2) Engineering Tasks:

- Burns and Roe continued to support Construction effort
- Continued with design of the cooling tower basin, pipe rack framing, steam turbine platform steel framing and foundation
- Continued to coordinate design of visual and sound attenuation screens
- Continued to develop PDS 3D model:
 - a) Underground piping
 - b) Steam Piping
 - c) Gas Compressor system design
 - d) Underground Electrical system
 - e) Structural steel
 - f) Equipment
- Continued to review vendor documents
- Continued to update P&IDs
- Continued development of stress analysis
- Continued development of line and valve lists
- Continued to develop I/O list
- Continued to develop logic diagrams
- Continues to preparation of control valve data sheets
- Started development of:
 - Plant lighting calculations and plans
 - Electrical package data sheets
 - Conduit and cable schedule
 - Above ground Fuel Gas piping design
 - HRSG blowdown piping

3) Major Equipment

- Steam Turbine Generator is in fabrication and scheduled to be delivered in December
- The condenser is in storage
- HRSG engineering is in progress and design documents are submitted to CBO for approval
- Water Treatment system engineering is proceeding

Activities planned for next month

Plant area: We will begin production piling of the cooling tower and the STG areas on the 21st of October. Prior to production piling we will cut all of the major foundations that will be on piling to bottom of concrete. We will also mobilize for the installation of the underground water circulation piping that is to

be installed between the cooling tower and the STG. This will require the installation of sheet piling around the entire perimeter of the excavation for that system. The production piling will continue throughout the winter. We will also install a temporary access road at the north side of the property for PG&E access to their transmission towers. We should also finish as much of the storm water collection system that we started the previous month as possible as well as the discharge through the levee of Fisher Creek if we receive the remaining permit. **South laydown area:** We will receive the last of the Siemens auxiliary material for the combustion and steam turbines. We will also receive the underground water circulation piping.

North laydown area: We will continue to preserve the material by rotating and meggering of equipment as required by Siemens.

Engineering:

- **General**
 - Complete the integrated project schedule
 - Continue to review vendor drawings for CTGs, STG, Condenser, HRSGs, Cooling Tower, Major pumps, water treatment system and other equipment
 - Continue to support construction
- **Mechanical**
 - Continue pipe stress analysis
 - Continue development of P&IDs
 - Continue development Line/Valve/Pipe specialty lists
 - Continue development of 3D equipment and piping models
 - Continue development of equipment list
 - Continue development of Pipe Specification
 - Revise Fire Risk Analysis and issue to CBO
 - Continue development of Plant Fire Protection/Detection Specification
 - Start the following:
 - Steam drains piping
 - Specialties Specification
 - Hoist Specification
- **Civil /Structural/Architectural**
 - Continue update 3D Models
 - Issue IFC design drawings for the Pipe Rack steel
 - Issue revised piling and foundation drawings and calculations
 - Continue work on Transformer foundation
 - Provide engineering support on the ongoing test piling efforts
- **Electrical:**
 - Issue trays drawings for Construction
 - Issue Lighting Drawings and calculations for comments
 - Design above ground conduit at the HRSGs

- Enter underground duct bank conduits into ICAMS
- Issue One line diagram and calculation to CBO
- Issue short circuit load flow study to CBO
- Complete Electrical Equipment Data sheets for bidding
- **Instrumentation:**
 - Complete key plan and HRSG area instrument location plans
 - Continue updating of P&IDs
 - Continue data inputs to the major lists
 - Continue preparation of logics
 - Commence preparation of flow element location plans

MEC Litigation Update

1. The California Supreme Court (Decision 2-28-02)
 - a. The Supreme Court denied STCAG appeal on February 28, 2002.
 - b. The denial is final and non-appealable in California courts.
2. Sacramento Superior Court (Decision 2-22-02)
 - a. MEC's Demurrer was granted on 2-22-02, dismissing the suit for lack of subject matter jurisdiction.
 - b. STCAG had indicated in the press that it intends to appeal this dismissal for lack of subject matter jurisdiction.
 - c. Proposed Order Sustaining Demurrer was sent to the Judge for signature on March 14, 2002. The CEC sent a revised order and notice of judgment the last week of April.
 - d. We received a notice of intent to file an appeal from STCAG. STCAG will be appealing the Demurrer to the Third District Court of Appeals, dated May 8, 2002. By letter dated June 6, 2002, the office of the Clerk for the Third Appellate District notified STCAG that the reporter's transcript had been filed. STCAG's brief and appendix were originally due by July 5, 2002. However, STCAG was granted an extension. STCAG filed their Opening Brief on August 23, 2002. MEC's reply brief was due September 26, 2002.
 - e. The brief was filed.
3. U.S. Ninth Circuit Court of Appeals (Pending)
 - a. This appeal asks the Federal Court to overturn the decision of the U.S. EPA's Environmental Appeals Board (EAB) confirming that the MEC Prevention of Signification Deterioration (PSD) permit was properly issued.
 - b. The Petitioner's initial briefings have been filed, and the U.S. government filed its response brief April 12, 2002.
 - c. Calpine's brief was filed May 13, 2002.

- d. The Petitioners filed their reply brief on July 1, 2002, after having obtained court approval of extension of time. All briefing in the case is now complete.
 - e. On August 5, 2002 Calpine filed a motion requesting that the Court expedite its review of the appeal. The Court granted Calpine's motion and has now scheduled oral argument for November 5, 2002.
 - f. With oral argument scheduled for November 5, 2002 we currently anticipate that the Court's decision in this case could be issued as early as the end of 2002, or possibly during early 2003.
4. STCAG lawsuit against the City: recycled water line (Pending)
- a. STCAG has sued to stop the City's construction of its preferred waterline route.
 - b. Hearing was held 6/20/02. Court rendered a decision in favor of City and Calpine.
 - c. Appeal brief was to have been due October 17th, but STCAG filed a motion for a 30-day extension.
5. STCAG lawsuit against BAAQMD: San Francisco Superior Court (Pending)
- a. STCAG challenged the Bay Area Air Quality Management District (BAAQMD) issuance of the PSD permit.
 - b. The case was filed on 9/9/02 and served on 9/17/02.
 - c. Calpine and the BAAQMD are filing Demurrers (motions to dismiss) on or about October 17, 2002.
 - d. Hearing dates will be set thereafter.

2. Documents required to be submitted with Monthly Compliance Report

AQ-48	Summary of monthly activities related to the Fugitive Dust Control Plan is attached.
AQ-52	No ultra low sulfur fuel receipts received in September.
BIO-2	Summary of Designated Biologist's written records is attached.
BIO-6	WEAT training presented to 7 on site personnel.
CUL-5	WEAT training presented to 7 on site personnel.
CUL-7	Weekly construction schedules are attached.
CUL-8	Weekly summary reports attached.
PAL-3	WEAT training presented to 7 on site personnel.
PAL-4	A summary report is attached.
LAND-1	There is no update on trail developments.
SOCIO-1	List of planned procurement of materials and hiring outside the local regional area is attached.
SOIL&WATER-1	Gallons of well water used during the month of September = 7,854.55.

3. Compliance matrix

A Compliance Matrix is attached.

**4. Conditions that have been satisfied during the reporting period
(CBO submittals can be found in #13)**

BIO-7	Submitted copy of Streambed Alteration Agreement from Department of Fish and Game to construct outfall.
VIS-10	Submitted response to staff comments on Plume Abatement Plan.

5. Submittal deadlines not met

There are no outstanding submittals.

6. Approved COC changes

- A request for amendment was submitted 11/30/01 and approved 12/21/01. The amendment allows for an additional 14 acres of laydown area south of Blanchard Road and west of the railroad tracks.
- An amendment was approved on 8/28/02 to allow the originally certified 10.2-mile recycled water line to be replaced with a 1000-foot lateral interconnection line of the same capacity.

7. Filings or permits with other agencies

Received California Department of Fish and Game Streambed Alteration Agreement to construct outfall structure into Fisher Creek.

8. Projection of project compliance activities for next two months (September - October)

AQ-48	Will follow dust mitigation measures.
AQ-49 and 50	Dust will be monitored and activities recorded.
CUL-5	Training will be provided as needed.
CUL-7	Will submit weekly schedule to resource specialists.
CUL-8	Cultural specialist will perform required duties when necessary.
CUL-9	Cultural specialist will perform required duties when necessary.
BIO-2	Biologist will perform required duties when necessary.
BIO-6	Training will be provided as needed.
PAL-3	Training will be provided as needed.
PAL-4	Paleo specialist will perform required duties when necessary.
VIS-9	Will submit color treatment plan for plant architectural screen, HRSG stacks and cooling tower in October.
WORKER SAFETY-1	Will submit Risk Analysis (for plant operation) to CBO and City of San Jose Fire Department in October.

SOIL&WATER-7	Will submit copy of Regional Water Quality Control Board 401 certification for outfall construction.
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9. Additions to on-site compliance file

- Silt fence inspection logs
- Straw bale inspection logs
- Erosion and sediment control inspection logs
- Water truck logs
- Biological monitor daily logs
- WEAT training logs
- Daily logs

10. Requests to dispose of items

None

11. Listing of complaints, notices of violations, official warnings, and citations

None. (Includes call log for calls received on MEC public information line.)

12. List of facility design submittals, comments and approvals to CBO

Matrix attached. No CBO comments received during month of September.

CBO Approvals:

- Certificates of Occupancy received for construction warehouse, safety trailer and orientation trailer.
- Statement of qualifications for John Lantry, Civil and Design Engineer.
- Statement of qualifications for Charles Emma, Electrical Engineer.
- Statement of qualifications for Dennis Chianese, Mechanical Engineer.
- CIVIL-1: South Laydown Area drainage
- STRUC-1: Revised Pile Testing
- ELEC-1: Grounding Diagrams

**CONDITION OF CERTIFICATION AQ-48
SUMMARY OF FUGITIVE DUST MITIGATION ACTIVITIES**

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

Summary of monthly activities related to the Fugitive Dust Control Plan:

The site was monitored daily for fugitive dust. Logs are kept on file as part of the Storm Water Pollution Prevention Plan. A water buffalo (500 gallon tank) was brought on site late in the month by Mountain Cascade to water fill stockpiles prior to loading and unloading. This prevented dust from leaving the site during this activity.

**CONDITION OF CERTIFICATION BIO-2
SUMMARY OF BIOLOGICAL MONITORING**

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

Biological Resources
Mitigation Monitoring for the
Metcalf Energy Center

MONTHLY COMPLIANCE REPORT #12

September 2002

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METCALF ENERGY CENTER

MONTHLY COMPLIANCE REPORT

September 2002

TABLE OF CONTENTS

Introduction.....	1
Monitored Mitigation Measures	2
Summary of Activities.....	3
Worker Environmental Awareness Training.....	4
General Notes and Observations.....	5

APPENDICES

- A) Cumulative Wildlife Species Observed in or Near the Project Area
- B) WEAT Sign-In Sheets
- C) Wildlife Observation Forms
- D) Photographs

INTRODUCTION

The Metcalf Energy Center (MEC) site is located in the Santa Clara Valley within the Urban Service Area of south San Jose. The MEC will be a 600-megawatt natural-gas-fired combined cycle power plant with the following features:

- A 230-kilovolt (kV) switchyard and approximately 240 feet of new 230-kV transmission line that will loop into the existing Pacific Gas and Electric (PG&E) 230-kV Metcalf-Monta Vista No. 4 transmission on Tulare Hill.
- An approximately one mile, 16-inch natural gas pipeline that will connect to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101.
- An approximately 10.2-mile water pipeline from a tap into the South Bay Water Recycling Program's (SBWR) existing main pipeline in eastern San Jose will be used for cooling water.
- An approximately 1.2-mile water pipeline will supply domestic and backup water supplies.
- A stormwater detention basin and discharge outfall structure to Fisher Creek.
- A new access road from Monterey Road at the Blanchard Road junction and visual screening and landscape corridor along the new access road that will require 6 acres of agricultural land south of the MEC site.
- A second access road (west access road) may extend from Santa Teresa Boulevard to the MEC site that will require 2.0 acre of agricultural land.
- Two temporary construction laydown yards totaling 24.8-acres are located in agricultural land south of the MEC site.

The project was designed to avoid significant negative impacts to sensitive biological resources to the furthest extent feasible. Mitigation measures were developed through consultation with the U. S. Fish and Wildlife Service (FWS), U. S. Army Corps of Engineers, National Marine Fisheries Service, California Department of Fish and Game, and the Water Quality Control Board to minimize unavoidable project impacts. Permits and authorizations from these agencies included conditions that must be monitored by the Designated Biologist. The Biological Monitor will be present onsite during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes all MEC project activities monitored during September 2002.

MONITORED MITIGATION MEASURES

Mitigation measures were developed through consultation with U.S. Fish and Wildlife Service, National Marine Fisheries Service, California Department of Fish and Game (CDFG), San Francisco Bay Regional Water Quality Control Board (Water Board), U.S. Army Corps of Engineers (Corps), and CEC for the MEC project. Compliance with any conditions of the Corps, Water Board, and CDFG permits will be included when permits are received and used on the project.

Conditions of Certification BIO-1 through BIO-13 were in compliance during September 2002. In compliance with COC BIO-2, the Biological Monitor examined and cleared Phase 1 activity areas immediately prior to and during September activities.

The following conditions described in the FWS Biological Opinion (BO) remained pertinent to the September monitoring efforts:

- Garbage must be removed from the site.
- Activity must be limited to the minimum necessary.
- The boundaries of the site will be clearly marked.
- All equipment, personnel, and access shall be confined to designated work areas and connecting roadways.
- Refueling will occur at least 50 feet away from aquatic habitats.
- Weekly California red-legged frog surveys will be conducted in work areas (following the 10 days of daily surveys conducted in January).
- Bullfrogs found during amphibian surveys, including adult, subadult, and larval bullfrogs, shall be captured and killed.
- The Biological Monitor will inspect the erosion control features daily.
- Concrete trucks must be washed within a designated area with a surrounding berm.

All activities were in compliance with conditions described in the NMFS Biological Opinion (BO). Work near Coyote Creek, where NMFS has jurisdiction over anadromous fish (salmon and steelhead), will occur in the summer 2003.

The Monitor was available throughout the month to respond to biological issues as needed. September activities are described below.

SUMMARY OF ACTIVITIES

This report includes project activities that took place during September 2002. September activities included ongoing Phase 1 site preparation and presentation of the Worker Environmental Awareness Training (WEAT) program to project personnel. The following provides a description of these activities. A cumulative wildlife species list is included in Appendix A. WEAT sign-in sheets are included in Appendix B. Wildlife Observation forms submitted for the month of September are included in Appendix C. Representative photographs of September activities are included in Appendix D. The Biological Monitor completes daily logs summarizing activities, personal interactions, and observations. These logs are available on request.

Phase 1 Site Preparation

September Phase 1 site activities included stormwater outfall construction, and continued equipment transport/storage onto the laydown yards. These activities will likely continue into October 2002.

The Biological Monitor performed general and species-specific wildlife clearance surveys immediately prior to and during all ground disturbance activities. The Biological Monitor continued to survey for injured, dead, and/or entrapped wildlife throughout each construction zone.

Stormwater Outfall

Stormwater collected from the MEC will flow through a stormwater conveyance system (drains and pipes) into a detention basin, then into Fisher Creek via an outfall structure. The project's stormwater outfall will be installed inside the levee of Fisher Creek, which is located approximately 200-feet west of the detention basin. Construction of the detention basin, located near the southwest corner of the project site, was completed in April 2002.

A Streambed Alteration Agreement (Notification Number: R3-2002-0552) from California Department of Fish and Game was issued September 12, 2002 for constructing the outfall. The Nationwide Permits 7 and 33 (File Number: 27067S) were issued by the U.S. Army Corps of Engineers on July 29, 2002. The 401 Water Quality Certification from the San Francisco Bay Regional Water Quality Control Board is forthcoming (expected in October 2002).

On September 18th, 2002, installation of stormwater conveyance structures began. All outfall activities performed in September were limited to the project areas between the riparian corridor boundary and the detention basin. Work beyond the corridor boundaries will not proceed until the required permits have been issued. Construction activities included installation of a 24-inch concrete pipeline, drain vaults, and a riprap swale. Most work occurred within the previously graded MEC project site. However, several feet of work occurred within the 25-foot construction setback from the Fisher Creek riparian corridor. Construction equipment included an excavator and a front-end loader. The concrete pipeline extends north from the detention basin to a previously installed earthen swale. The

riprap swale, which is approximately 3-feet deep, extends from the detention basin west to the foot of Fisher Creek's levee. Geo-textile fabric and riprap was installed inside the swale.

Before start of ground disturbance, and prior to start of daily work, the Biological Monitor surveyed the area for sensitive plant and animal species. This requirement was a condition of the Streambed Alteration Agreement (and CEC COCs). The initial clearance survey focused on determining presence/absence of nesting raptors, California red-legged frog, western pond turtle, bay checkerspot butterfly, and sensitive plant species (i.e. Mount hamilton thistle). None were observed. These results were consistent with previous surveys conducted in the project area.

The Biological Monitor was onsite daily ensuring compliance with CEC COC's and SCVWD Construction Activities permit conditions. Trenches left open overnight were equipped with wildlife escape ramps (earthen and/or wood planks). The monitor searched open trenches for trapped wildlife prior to each day's construction activities. On September 25th, the Biological Monitor removed a pocket gopher from a trench. During excavation within the 25-foot construction setback, the gopher fell into the trench. The contractor stopped work immediately, allowing the Biological Monitor to access the trench. The monitor captured the rodent, and released it unharmed away from the work area. (The associated Wildlife Observation Forms is included in Appendix C.)

Activities that may continue in October include final installation of the stormwater conveyance system. These activities include installing 2 concrete headwalls on both ends of the riprap swale, and installation of other stabilization features within the detention basin. Continued outfall construction is dependant upon the acquiring the necessary permits. The SAA includes a restricted work window which does not allow work within the Fisher Creek riparian corridor after October 15th. It is unlikely that the Water Board permit will be issued in time for the outfall work to be completed by that time. Therefore, continued outfall construction will likely be postponed until next year.

Power Plant Materials Storage

Heavy haul trucks continued to transported equipment onto the north and south laydown yards. All traffic was confined to previously established roads. These activities will continue through the coming months.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAT program was developed exclusively for the MEC project. Program materials include a handbook, video, and poster. During September, the WEAT program was administered as required by BIO-6 of the "Conditions of Certification" (COC) from the California Energy Commission's (CEC) *Commission Decision*.

In September, WEAT continued with the presentation of a training video and distribution of WEAT handbooks.

A total of 7 personnel received WEAT training during September for a total of 359 employees trained at the Metcalf Energy Center. The Calpine Compliance Manager administered the WEAT training to all new September employees in the absence of the Biological Monitor. A list of September WEAT attendees is included in Appendix B. Signed affidavits are kept on file by both Calpine's Compliance Manager and the Designated Biologist.

GENERAL NOTES AND OBSERVATIONS

September activities were minimal with most site activities confined to previously disturbed areas. The Biological Monitor's duties were limited accordingly. The Biological Monitor remained on-call for most of the month. Although Phase 1 activities are ongoing (e.g. equipment delivery), the Biological Monitor's duties will likely remain limited until the commencement of Phase 2.

On September 19th, and 20th, an alternate Biological Monitor (Aviva Rossi) provided mitigation monitoring for MEC stormwater outfall construction activities. Ms. Rossi also assisted with the initial site clearance survey conducted on September 18th. Ms. Rossi will continue to be available should there be a need for an additional monitor.

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to September 30, 2002)**

Common Name	Scientific Name	Location
INSECTS		
Bay checkerspot butterfly	<i>Euphydryas editha</i> spp. <i>Bayensis</i>	TH
Cabbage white butterfly	<i>Pieris rapae</i>	EC
Anise swallowtail butterfly	<i>Papilio zelicaon</i>	TH
Buckeye butterfly	<i>Precis coenia</i>	TH
Painted lady butterfly	<i>Vanessa cardui</i>	EC
Opler's longhorn moth	<i>Adela oplerella</i>	TH
Tarantula	<i>Euryopelma californicum</i>	TH
AMPHIBIANS AND REPTILES		
Pacific tree frog	<i>Hyla regilla</i>	TH, FC, EC
Arboreal salamander	<i>Aneides lugubris</i>	TH, EC
Western fence lizard	<i>Sceloporus occidentalis</i>	EC, TH, LA, FC
Side-blotched lizard	<i>Uta stansburiana</i>	EC
Southern alligator lizard	<i>Elgaria multicarinata</i>	EC, TH
Western skink	<i>Eumeces skiltonianus</i>	TH
Gopher snake	<i>Pituophis melanoleucus</i>	EC, LA, FC
BIRDS		
Pied-billed grebe	<i>Podilymbus podiceps</i>	FC, CC
American white pelican	<i>Pelecanus erythrorhynchos</i>	EC*
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CC*
Canada goose	<i>Branta canadensis</i>	EC*, CC
Mallard	<i>Anas platyrhynchos</i>	FC, CC
Gadwall	<i>Anas strepera</i>	FC
Wood duck	<i>Aix sponsa</i>	FC, CC
Common merganser	<i>Mergus merganser</i>	FC
Hooded merganser	<i>Lophodytes cucullatus</i>	FC
American coot	<i>Fulica americana</i>	FC, CC
Great blue heron	<i>Ardea heroides</i>	FC
Green heron	<i>Butorides virescens</i>	FC, CC
Great egret	<i>Casmerodius albus</i>	FC
Killdeer	<i>Charadrius vociferus</i>	LA, LEA*, EC
White-tailed kite	<i>Elanus caeruleus</i>	FC
Northern harrier	<i>Circus cyaneus</i>	FC, TH
Location:		
CC = Coyote Creek Riparian Corridor		TH = Tulare Hill Ecological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown expansion area
LA = Laydown Area		
Notes:		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to September 30, 2002) (Continued)**

Common Name	Scientific Name	Location
BIRDS (continued)		
Turkey vulture	<i>Cathartes aura</i>	EC*, TH, LA
Golden eagle	<i>Aquila chrysaetos</i>	TH
Osprey	<i>Pandion haliaetus</i>	CC*, TH, EC, FC
Sharp-shinned hawk	<i>Accipiter striatus</i>	FC, TH
Cooper's hawk	<i>Accipiter cooperii</i>	CC, EC*, FC
Red-shouldered hawk	<i>Buteo lineatus</i>	EC, FC, LA, CC, LEA
Red-tailed hawk	<i>Buteo jamaicensis</i>	EC, FC, GP, TH, TL, CC
American kestrel	<i>Falco sparverius</i>	EC, TH
Prairie falcon	<i>Falco mexicanus</i>	TH
California quail	<i>Callipepla californica</i>	CC, GP
Spotted sandpiper	<i>Actitis macularia</i>	FC
Mourning dove	<i>Zenaida macroura</i>	EC, FC, TH, TL, CC
Rock dove	<i>Columba livia</i>	EC*, TH*
Anna's hummingbird	<i>Calypte anna</i>	TH, CC
Hummingbird sp.		EC, TH, FC
Belted kingfisher	<i>Ceryle alcyon</i>	FC, EC*, CC
Northern flicker	<i>Colaptes auratus</i>	EC, FC, TH
Nuttall's woodpecker	<i>Picoides nuttallii</i>	FC, EC
Downy woodpecker	<i>Picoides pubescens</i>	EC, FC
Black phoebe	<i>Sayornis nigricans</i>	EC, FC, TL, LEA, CC
Say's phoebe	<i>Sayornis saya</i>	LEA
Western scrub-jay	<i>Aphelocoma californica</i>	EC, FC, LEA, CC
Common raven	<i>Corvus corax</i>	EC, TH, FC, CC
Horned lark	<i>Eremophila alpestris</i>	TH
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	FC, EC, TL
Barn swallow	<i>Hirundo rustica</i>	EC, LEA
Oak titmouse	<i>Baeolophus inornatus</i>	FC, CC
Chestnut-backed chickadee	<i>Poecile rufescens</i>	FC
Bushtit	<i>Psaltriparus minimus</i>	EC, FC, FC**, GP, TL, CC
White-breasted nuthatch	<i>Sitta carolinensis</i>	FC
Bewick's wren	<i>Thryomanes bewickii</i>	FC, TH, CC
Rock wren	<i>Salpinctes obsoletus</i>	FC, TH
Location		
CC = Coyote Creek Riparian Corridor		TH = Tuleare Hill Ecological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown expansion area
LA = Laydown Area		
Notes:		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to September 30, 2002) (Continued)**

Common Name	Scientific Name	Location		
BIRDS (CONTINUED)				
Ruby-crowned kinglet	<i>Regulus calendula</i>	TH, FC, CC		
Northern mockingbird	<i>Mimus polyglottos</i>	EC, FC		
Western bluebird	<i>Sialia mexicana</i>	FC, CC, EC, LEA		
American robin	<i>Turdus migratorius</i>	LA, EC, CC		
Loggerhead shrike	<i>Lanius ludovicianus</i>	TH, FC, EC		
Western kingbird	<i>Tyrannus verticalis</i>	CC		
European starling	<i>Strunus vulgaris</i>	LEA, FC, EC		
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	EC		
California towhee	<i>Pipilo crissalis</i>	EC, TH, FC, CC		
Dark-eyed junco	<i>Junco hyemalis</i>	FC, TH, CC		
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	EC, FC, TH, CC		
Song sparrow	<i>Melospiza melodia</i>	EC, LA, LEA		
Yellow-rumped warbler	<i>Dendroica magnolia</i>	TH, FC, CC		
Western meadowlark	<i>Sturnella neglecta</i>	EC, LA, TH		
Red-winged blackbird	<i>Agelaius phoeniceus</i>	FC		
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	FC, EC, CC		
Bullock's oriole	<i>Icterus bullockii</i>	FC, CC		
House finch	<i>Carpodacus mexicanus</i>	EC, CC, FC		
American goldfinch	<i>Carduelis tristis</i>	LEA		
Lesser goldfinch	<i>Carduelis psaltria</i>	EC, FC, CC, TH		
House sparrow	<i>Passer domesticus</i>	EC, FC, CC		
MAMMALS				
Common raccoon	<i>Procyon lotor</i>	FC**		
Striped skunk	<i>Mephitis mephitis</i>	TH**		
Opossum	<i>Didelphis marsupialis</i>	EC		
Coyote	<i>Canis latrans</i>	TH		
Feral cat	<i>Felis catus</i>	EC		
Bobcat	<i>Lynx rufus</i>	CC**		
California ground squirrel	<i>Spermophilus beechyi</i>	EC, FC, TH, TL		
Western gray squirrel	<i>Sciurus griseus.</i>	FC		
Valley pocket gopher	<i>Thomomys bottae</i>	LA**		
California vole	<i>Microtus californicus</i>	FC		
Location				
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve			
EC = Metcalf Energy Center Plant Site	TL = Transmission Line Corridor			
FC = Fisher Creek Riparian Corridor	WL = Water Line Corridor			
GP = Gas Pipe Line Corridor	LEA = Laydown expansion area			
LA = Laydown Area				
Notes:				
* Flyover or otherwise not utilizing area resources				
** Non-active sign (i.e. carcass, feather, nest, track)				

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to September 30, 2002) (Continued)**

Common Name	Scientific Name	Location		
MAMMALS (CONTINUED)				
Deer mouse	<i>Peromyscus maniculatus.</i>	TH		
Norway Rat	<i>Rattus norvegicus</i>	EC		
Common muskrat	<i>Ondatra zibethicus</i>	FC		
Black-tailed jackrabbit	<i>Lepus californicus</i>	EC		
Feral pig	<i>Sus scrofa</i>	CC**		
Mule (black-tailed) deer	<i>Odocoileus hemionus</i>	FC, GP, CC		
Location:				
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve			
EC = Metcalf Energy Center Plant Site	TL = Transmission Line Corridor			
FC = Fisher Creek Riparian Corridor	WL = Water Line Corridor			
GP = Gas Pipe Line Corridor	LEA = Laydown expansion area			
LA = Laydown Area				
Notes:				
* Flyover or otherwise not utilizing area resources				
** Non-active sign (i.e. carcass, feather, nest, track)				

APPENDIX B

WEAT Sign-In Sheets

METCALF ENERGY CENTER
ENVIRONMENTAL TRAINING
SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 9-24-02

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s: WEAT VIDEO (Administered by Todd Ellwood)

METCALF ENERGY CENTER
ENVIRONMENTAL TRAINING
SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 9/18/02

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

WEAT VIDEO (Administered by Todd Ellwood)

APPENDIX C

Wildlife Observation Forms

WILDLIFE OBSERVATION FORM**To Record Animals Found In Los Esteros Critical Energy Facility Areas**

To be filled out by personnel who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee:

Todd Ellwood

Date:

9/25/02

Location of observation:

Metcalf Energy Center - Stormwater Outfall

Condition of wildlife:

alive dead Species: *Pocket gopher*

Possible cause of injury or death:

N/A

Where is the animal currently?

Rodent was captured and released upstream from the work site.

Is the resource in danger of project (or other) impacts?

No, unless resource re-enters work site.

Comments:

During excavation for the stormwater outfall pipe (foot of levee), a pocket was unearthed unharmed. The biological monitor immediately entered the trench, and captured the rodent using leathered gloves, and hand carried the resource away from danger.

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game and United States Fish and Wildlife Service to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Gary Santolo (916) 286-0283; Cell (916) 849-9043

BIOLOGICAL FIELD MONITOR: Todd Ellwood Cell (408) 839-2402

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600, Sacramento, CA 95833

CDFG CONTACT: Eric Tattersall (707) 944-5546

APPENDIX D

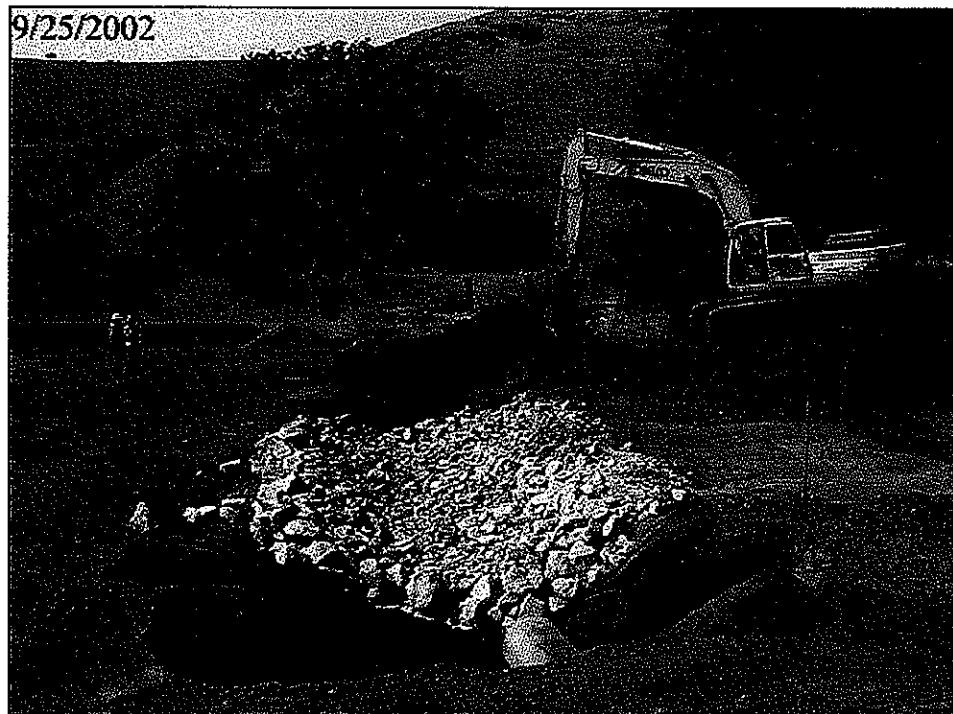
Photographs

9/27/2002



Outfall Construction-Wildlife Escape Ramp

9/25/2002



Outfall Construction



Outfall Construction-Concrete Pipeline

**CONDITION OF CERTIFICATION CUL-7
WEEKLY SCHEDULES**

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

Activity	Description	Start	End	Duration	Resource	Finish
3310	Temp Power for North Laydown	17JUN02A	10JUL02A	21d		
1110	Furniture Installation	19JUN02A	24JUN02A	5d		
C.B.O. trailer Approval	C.B.O. trailer Approval	21JUN02A	24JUN02A	3d		
230	Material Receiving	23JUN02A	07OCT02	84d		
100	Trailer Move-in	24JUN02A	26JUN02A	2d		
250	Stacy Wilbeck P. L.	26JUN02A	28JUN02A	2d		
130	Drive Test Piles	26JUN02A	02JUL02A	6d		
140	UPRR Spur Cert./ Tamp.	28JUN02A	28JUN02A	0d		
1180	Removal of MAM Temp Trailers	02JUL02A	03JUL02A	1d		
1190	Submit Safety Trailer Relocation	02JUL02A	15JUL02A	13d		
1170	Fill Concrete Pile and Cure	03JUL02A	15JUL02A	12d		
3370	Submit Warehouse Concrete and 10JUL02A	10JUL02A	19JUL02A	9d		
3380	Restrike of PP6 / Additional probe	11JUL02A	12JUL02A	1d		
160	Test Pile Static Load Test	15JUL02A	24JUL02A	9d		
3880	Resolve PG&E Access Road	15JUL02A	24JUL02A	9d		
200	Move Safety Trailer to Permanent	17JUL02A	17JUL02A	0d		
340	Remove the Material from the	19JUL02A	24JUL02A	5d		
220	Submittal of CT / CTG Power to	22JUL02A	02AUG02A	10d		
110	Connect Safety Trailer	24JUL02A	31JUL02A	7d		
190	Temporary Power to the CT /	25JUL02A	02AUG02A	7d		
190	Receive the CTG's	25JUL02A	25JUL02A	0d		
30	Redesign PG&E Access Road	29JUL02A	06AUG02A	7d		
40	Complete "As Bullets" for the	29JUL02A	15AUG02A	6d		
100	Receive the CT's	31JUL02A	31JUL02A	0d		
00	Receive the HP/IP Section	04AUG02A	04AUG02A	0d		
30	Receive Storm Water Submittals	06AUG02A				
50	Place Concrete Floor in	07AUG02A	09AUG02A	2d		
80	Modify Push Button Guard Rail	10AUG02A	10AUG02A	0d		
10	Drive Additional TP and PP	12AUG02A	14AUG02A	2d		
20	Install Racking in Warehouse	13AUG02A	15AUG02A	2d		
50	Receive Top Grade Original Bid	13AUG02A	19AUG02A	6d		
30	Place and Cure Concrete in TP's	14AUG02A	22AUG02A	8d		
40	CO for Safety Trailer	16AUG02A	16AUG02A	0d		
50	Move In to Safety Trailer	19AUG02A	20AUG02A	1d		
30	Place Material Back into	19AUG02A	29AUG02A	10d		
70	Complete Additional Pile Static	21AUG02A	25SEP02A	45d		
20	Raise Elect. Boxes Offsite	22AUG02A	28AUG02A	6d		
30	Rerap the South Laydown	26AUG02A	27SEP02	31d		
10	Complete the Traffic Light to RR	29AUG02A	29AUG02A	0d		

Sheet 1 of 2

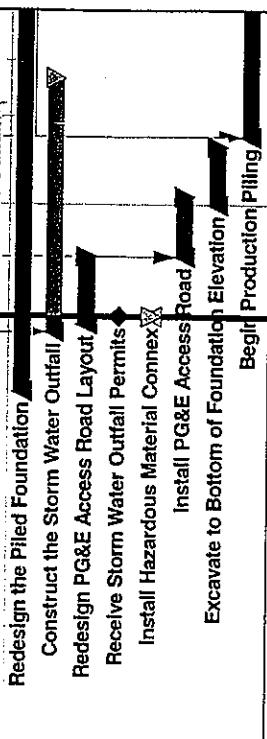
Date	Revision	Checked	Approved
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MET3

13MAY02	△ Early Bar	Progress Bar	Critical Activity
21JAN03			
18SEP02			
18SEP02 09:07			

MEC 3 Week Rolling Schedule
Rolling 3 Week Schedule

Activity ID	Description	Start	End	Duration
0540	Stake the Storm Water Outfall	05SEP02A	06SEP02A	1 day
0580	Redesign the Piled Foundation	09SEP02A	05NOV02	46 days
0550	Construct the Storm Water Outfall	16SEP02A	15OCT02	30 days
0600	Redesign PG&E Access Road	17SEP02A	24SEP02	7 days
0520	Receive Storm Water Outfall		17SEP02	1 day
0590	Install Hazardous Material	18SEP02	17SEP02	-1 day
0270	Install PG&E Access Road	25SEP02*	01OCT02	6 days
0610	Excavate to Bottom of Foundation	01OCT02*	07OCT02	6 days
0490	Begin Production Piling	09OCT02*	21JAN03	12 days



Sheet 2 of 2

Date Revision

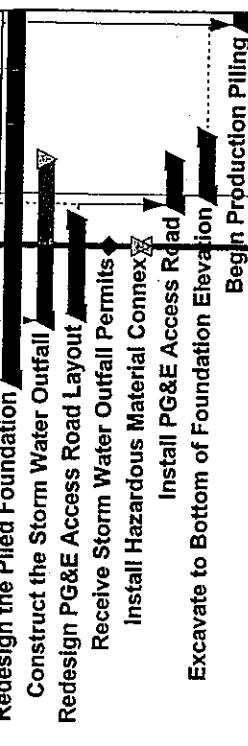
Checked Approved

13MAY02
21JAN03
18SEP02
18SEP02 09:07

MEC 3 Week Rolling Schedule

Rolling 3 Week Schedule

Activity ID	Description	Early Start	Resource	Jun	Jul	Aug	Sep
00540	Stake the Storm Water Outfall	05SEP02A	06SEP02A	17	21	25	2
00580	Redesign the Piled	09SEP02A	26NOV02	6	7	10	16
00550	Construct the Storm Water	16SEP02A	04OCT02	8	9	12	23
00600	Redesign PG&E Access Road	17SEP02A	27SEP02	13	14	15	21
00520	Receive Storm Water Outfall		24SEP02				
00590	Install Hazardous Material	25SEP02	24SEP02				
00270	Install PG&E Access Road	30SEP02*	04OCT02				
00610	Excavate to Bottom of	01OCT02*	07OCT02				
00490	Begin Production Piling	21OCT02*	31JAN03				



MET3
Early Bar
Progress Bar

Sheet 2

Date	Revision	Checked	Approved
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MEC 3 Week Rolling Schedule

**CONDITION OF CERTIFICATION SOCIO-1
PLANNED PROCUREMENT**

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

SOCIO-1: List of planned procurement of materials or hiring outside the local regional area during the next two months.

Material/equipment	Manufacturer	Point of Origin	Reason
Gas Compressors	Gas Packager, Inc.	Denver, Co.	Procuring them from the Gilroy plant, who had already purchased them.

COMPLIANCE MATRIX

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

METCALF ENERGY CENTER - COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	Minimize emissions of carbon monoxide (CO) and nitrogen oxides (NOx) from S-1 and S-3 GTs; and S-2 and S-4 HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
START OF CONSTRUCTION	Tune combustors of S-1 & S-3 GTs and S-2 and S-4 HRSGs; duct burners to minimize emissions of CO and NOx.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-1	Install, adjust, and operate A-1 and A-2 SCR Systems to minimize emissions of CO and NOx from S-1 and S-3 GTs and S-2 and S-4 (HRSGs) With steady-state operation of A-1& A-2 SCR systems shall comply with NOx and CO emission limitations.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-2	Submit plan to DPM and CPM describing procedures to be followed during commissioning of GTs, HRSGs, and STCs.	At least 28 days prior to first firing of the gas turbines, submit a complete commissioning plan.	28 days prior to first fire of Gas Turbines				
AQ-3	Demonstrate compliance with conditions 8-10 through the use of properly operated and maintained CEMS and data recorders.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-4	Install, calibrate, operate District approved CEMS monitors prior to first firing of GTs and HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-5	Total no. of firing hours for S-1 GT and S-2 HRSG without abatement of A-1 SCR shall not exceed 300 hours during commissioning.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to CPM.	Monthly Compliance Report				
AQ-6	Total no. of firing hours for S-3 GT and S-4 HRSG without abatement of A-3 SCR shall not exceed 300 hrs during commissioning period.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report				
AQ-7	Total mass emissions of NOx, CO, POC, PM10, and SO2 emitted by the GTs and HRSGs during the commissioning period shall accrue towards the consecutive 12-month emission limitations.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report				
AQ-8	Combined daily emissions from GTs and HRSGs shall not exceed the following during the commissioning period: NOx = 4805; CO = 11.49g; ROC = 495; PM10 = 468; SO2 = 12.	In the monthly compliance report indicate any violations of the emission limits	Monthly Compliance Report				
AQ-9	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMs to determine compliance with Condition 21.	20 working days before the execution of the source tests, submit to the District and CPM a detailed source test plan designed to satisfy the requirements of this condition.	Source test results shall be submitted to the District and the CEC CPM within 30 days of the source testing date.	Within 30 days of source tests per AQ-12			
AQ-10							
AQ-11							
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMs to determine compliance with Condition 21.	Notify the District and the CEC CPM.	Within seven (7) working days prior to the planned testing date				

NETCALLE ENERGY CENTER COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		START OF CONSTRUCTION				
Condition No.	Requirements & Task Summary		Action required	Event	Required Submittal Date	Date submitted to CPM/CBO
AQ-13	GTs (S-1, S-3) and HRSG (S-2, S-4) shall be fired exclusively on natural gas. (BACT for SO2 and PM10)	As part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation of this condition.	Semiannual Air Quality Reports			
AQ-14	Combined heat input rate of each power train (S-1 & S-2, S-3 & S-4) shall not exceed 2,124 MMBtu/hr (3-hour rolling average) (PSD for NOx)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this hourly limit.	Monthly Air Quality Reports			
AQ-15	Combined heat input rate of each power train (S-1 & S-2 and S-3 & S-4) shall not exceed 49,908 MMBtu/day (PSD for PM10)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this daily limit.	Monthly Air Quality Reports			
AQ-16	Combined cumulative heat input rate of GTs (S-1, S-3) and HRSGs(S-2, S-4) shall not exceed 35,274,060 MMBtu/yr. (Offseis)	As part of the Air Quality annual Reports, include information on the date and time when the annual cumulative fuel consumption exceed its annual limit.	Annual Air Quality Reports			
AQ-17	HRSGs (S-2, S-4) duct burners shall not be fired unless associated GTs (S-1, S-3) are in operation. (BACT for NOx)	As part of the Air Quality Reports, include information on the date, time, and duration of any violation of this permit condition.	Monthly Air Quality Reports			
AQ-18	GT/HRSG (S-1/S-2) shall be abated by the A-1 SCR system whenever fuel is combusted in these units and the A-1 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide information on any major problem in the operation of the Oxidizing Catalysts and Selective Catalytic Reduction Systems for the Gas Turbines and HRSGs.	Semiannual Air Quality Reports			
AQ-19	GT/HRSG (S-2/S-4) shall be abated by the A-2 SCR system whenever fuel is combusted in these units and the A-2 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide info. on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSGs.	Semiannual Air Quality Reports			
AQ-20(a)	Emission requirements: Emission Point P-1 NOx = 19.2 lbs/hr [0.00904 lbs/MMBTu (HHV) of nat. gas fired]; Emission Point P-2 NOx = 19.2 lbs/hr [0.00904 lbs/MMBTu (HHV) of nat. gas fired].	As Part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation. include quantitative info. on the severity of the violation.	Semiannual Air Quality Reports			
AQ-20(b)	NOx Emission concentration = 2.5 ppmvd (corrected to 15% O2), 1-hr average (Emission Point P-1, P-2) (BACT for NOx).	Same as above	Semiannual Air Quality Reports			
AQ-20(c)	CO mass emission = 28,071 lbs/hr (at any 3-hour rolling avg.) (Emission Point P-1, P-2).	Same as above	Semiannual Air Quality Reports			
AQ-20(d)	When the heat input to a CT exceeds 1700 MMBTU/hr (HHV), the CO emission concentration shall not exceed 6.0 ppmvd on dry basis and the CO mass emission rate shall not exceed 0.0132 lb/MMBTU at any 3-hr rolling average.	Same as above	Semiannual Air Quality Reports			
AQ-20(e)	Ammonia (NH3) emission concentration shall not exceed 5 ppmvd on dry basis, at any 3-hour rolling avg. Ammonia injection rate to A-1, A-2 to be verified through continuous recording of rate.	Same as above	Semiannual Air Quality Reports			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
AQ-20(f)	Precursor organic compounds (POC) mass emissions (as CH ₄) shall not exceed 2.7 lbs/hr or 0.00126 lbs/MMBTU of natural gas fired. (Emission points P-1, P-2).	Same as above	Semiannual Air Quality Reports			
AQ-20(g)	Sulfur dioxide (SO ₂) mass emissions at P-1, P-2 each shall not exceed 1.28 pounds per hour or 0 .0006 lb/MM BTU of natural gas fired. (BACT)	Same as above	Semiannual Air Quality Reports			
AQ-20(h)	PM10 mass emission's at P-1, P-2 each shall not exceed 9 pounds per hour or 0.00452 lbs PM10/MM BTU. Particulate matter (PM10) mass emissions at P-1, P-2 each shell not exceed 12 pounds per hour or 0.00555 lb PM10/MM BTU, when HRSG duct burners are in operation.	Same as above	Semiannual Air Quality Reports			
AQ-21	GT (S-1, S-3) Start-up and Shutdown emission rates	Same as above	Semiannual Air Quality Reports			
AQ-22	Not more than one GT (S-1, S-2) shall be in start-up mode at any one time.	In the monthly compliance report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-23	HRSGs and ducting shall be designed such that an oxidation catalyst shall be readily installed if deemed necessary by APCO to insure compliance with CO emissions rates.	In the semiannual compliance report indicate how this condition is being implemented	Semiannual Air Quality Reports			
AQ-24	Total combined emissions in lbs/day, from GTs and HRSGs (S-1, S-2, S-3, S-4), including start-up and shutdown.	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports			
AQ-25	Cumulative combined emissions in tons/any consecutive 12-month period, from GTs and HRSGs shall not exceed NOx = 123.4 (offsets), CO=588, POC=28 (offsets), PM10=91.3 (offsets), SO ₂ =10.6 (cumulative increase).	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports			
AQ-26	Maximum projected combined annual toxic air contaminant emissions from GTs and HRSGs (S-1, S-2, S-3, S-4). (a) formaldehyde = 3,798 lbs/yr (b) Benzene = 460 lbs/yr (c) PAHs=22.8 lbs/yr	As part of the annual Air Quality Reports, indicate the date, duration, and severity of any violation including quantitative information on the severity of the violation.	Annual Air Quality Reports			
AQ-26	Perform health risk assessment using emission rates per BAAQMD approved procedures and submit risk analysis to District and CPM.	As part of the annual Air Quality Reports, indicate the date of any violation or this Condition including quantitative information on the severity of the violation or subrisk analysis to District and CPM.	Annual Air Quality Reports			
AQ-27 (a-j)	Demonstrate compliance with conditions 14-17, 20(a) d), 21, 22, 24(a), 24(b), 25(a), 25(b) by using continuous monitors during all operating hours for the following parameters.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports			

METCALF ENERGY CENTER : COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action required	Event	Required Submit Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
AQ-27(e-f)	Use parameters in condition 27(a-d) and District approved methods to calculate the following. (e) Heat Input rate for S-1 & S-2 combined, and S-3 & S-4 combined (f) Corrected NOx and CO concentrations and mass emissions at each exhaust point (P-1, P-2)	As part of the annual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-27(g-i)	For each source, source grouping, or exhaust point record parameters at least once every 15 minutes and calculate and record for the following. Refer to AQ-27 for further details.	As part of the annual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-28(a-b)	Demonstrate compliance with conditions 20, 21, 24, 25 by calculating and recording on a daily basis POC, PM10, and SO2 mass emissions fine PM10 and SO2 from each power train.	As part of the monthly Air Quality Reports, the owner/operator shall indicate the date of any violation including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-29	Calculate and record on annual basis the max. projected annual emissions of formaldehyde, benzene, Specified Poly-Aromatic Hydrocarbons (PAHs).	As part of the annual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-30	Within 60 days of startup, conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Source test protocols shall be submitted at least 90 days before startup. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup				
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Conduct test within 60 days of startup	Within 60 days of startup				
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Submit source test results to the District and to the CEC CPM.	Within 30 days of the tests				
AQ-30	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Notify the District and the CEC CPM.	Within seven working days before the execution of the source tests.				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test protocols. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Conduct test within 60 days of startup and on annual basis thereafter.	Within 60 days startup				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Notify the District and the CEC CPM.	Within seven (7) working days before the execution of the source tests				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test results to the District and to the CEC CPM.	Within 30 days of the date of the				

METCALF ENERGY CENTER COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		11/14/2002				
START OF CONSTRUCTION		9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CEO	Date approved by CPM/CBO
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Provide a copy of source test protocol.	90 days before startup			Status/Comments
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2); Also test the GTs at minimum load.	Notify the District's Source Test Section and the CEC CPM in writing of the Source Test Protocols and projected test dates at least 7 days prior to the testing date(s).	7 days prior to testing date(s)			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2); Also test the GTs at minimum load.	Notify the District and the CEC CPM at least 7 working days before the owner/operator plans to conduct source testing as required by this condition.	Execution of the Source Tests			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2); Also test the GTs at minimum load.	Conduct test.	Within 60 days of startup and on biennial basis thereafter			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2); Also test the GTs at minimum load.	Source test results shall be submitted to the District and the CEC CPM.	Within thirty (30) days of conducting the test			
AQ-34	Submit all reports as required by District Rules or Regulations and in accordance with all procedures and time limits.	Submit a copy of test protocols at least 90 days before startup.	90 days before startup			
AQ-35	Maintain records and reports on site for a minimum of 5 years.	During site inspection, make all records and reports available to the District, California Air Resources Board, and CEC staffs.	AQ Inspection per AQ-35			
AQ-36	Notify District and CPM of any violations of these permit conditions.	Submission of these notifications as required by this condition is the verification of these permit conditions.	Violation of Permit Conditions			
AQ-37	Stack height of emission points (P-1, P-2) shall be at least 145 feet above grade at the stack base. (GTHRSC stack height).	Submit the drawings for review and approval.	45 days prior to the release to the manufacturer			
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	120 days before initial operation, submit to the BAAQMD and the CEC CPM a plan for the installation of stack sampling ports and platforms.	120 days before Initial Operation	2/1/04	7/23/02	Submitted
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	Within 60 days of receipt of the plant, the BAAQMD will advise the Owner/Operator and the CPM of the acceptability of the plan.	Approval by BAAQMD and CPM			
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Contact the BAAQMD Technical Services	Within 180 days of issuance of Authority to Construct	8/12/02	7/29/02	In progress
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Notify the CEC CPM at least seven (7) working days before these contacts are made.	7 days before contacts are made	8/5/02	2/28/02	N/A
AQ-40	Demonstrate valid ERGs in the amount of 21.75 tons/year of NOx and 28 tons/year of POC or equivalent as defined by District Regs 2-2-302.1 and 2-2-302.2.	No more than 30 days after the issuance of an Authority to Construct, provide a copy of the ATC to the CEC CPM for review.	Within 30 days after issuance of Authority to Construct	3/15/02	2/22/02	Complete

METCALF ENERGY CENTER COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		START OF CONSTRUCTION				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
AQ-41	Provide to District valid ERC banking certificates in the amount of 212.75 ton/yr of NOx and 28 tons/yr of POCs or equivalent.	At least 30 days prior to the start of construction, submit a copy of the required offset or ERCS certificates to the CPM.	30 days prior to start of construction	8/2/02	7/26/02	N/A
AQ-42	Submit an application to the BAQCMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit an application to BAQCMD major facility review permit. Notify the CEC CPM of the submission of this application.	Within 12 months of issuance of PSD Permit		1/9/02	N/A
AQ-42	Submit an application to the BAQCMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit to the CPM a copy of the Federal Title V) Operating Permit.	30 days after permit issued			Expect to receive permit in June 2003.
AQ-43	Submit an application to the District for a Title IV operating permit at least 24 months prior to the initial operation of any GTs or HRSGs.	Submit to the CPM a copy of the application for Title IV operating permit.	24 months before Initial Operation		8/1/01	
AQ-44	Comply with the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	60 days before Initial Operation			
AQ-45	Take monthly samples of natural gas combusted at MEC and analyze these samples for sulfur content using District-approved lab methods.	Maintain on site the records of all the guarantees received from its natural gas suppliers indicating the fuel delivered to MEC complies with the 40 CFR Part 60, Subpart GG.	On-site Compliance Inspections			
AQ-46	Cooling towers shall be properly maintained to minimize drift losses.	Submit a performance guarantee letter from the cooling tower manufacturer.	30 days prior to installation of Cooling Tower per AQ-46			
AQ-47a	Perform visual inspection of cooling tower drift eliminators once per calendar year and repair or replace any drift eliminators which are broken or missing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Monthly Air Quality Reports			
AQ-47b	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation was performed in a satisfactory manner.	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation.	Initial Operation			
AQ-47c	Perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-specified drift rate.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Within 60 days of initial operation of the cooling tower			
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Submit the plan to the CEC CPM for review and approval.	60 days prior to start of construction	6/12/01	6/12/01	Complete
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Maintain daily records to document the specific actions taken pursuant to the plan. Summary of activities in MCR.	Monthly Compliance Report			In progress
AQ-49	During construction owner shall:	The project owner shall maintain a daily log during the construction phase of the project. The logs shall be made available to the CEC CPM upon request.	Start of Construction			In progress
AQ-50	Identify the source of the fugitive dust and implement one or more of the appropriate control measures specified in Table 3.	Maintain a daily log recording the dates and times that measures have been implemented and make them available to the CEC CPM upon request.	Start of Construction			In progress

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date to CPM/CDO	Date submitted to CPM/CDO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/11/2002					
AQ-51	Provide the District with valid ERC certificates for PM10 for the amount of 29.21 tons per year and for VOC for the amount of 124.2 tons per year from the sources noted in Condition 51. The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	At least 30 days prior to the start of construction, the project owner must submit a copy of the required ERC certificates to the CPM and the District. Submit to the CPM for approval the submissions of the CMM at least 45 days prior to due date for diesel construction equipment.	30 days prior to start of construction	8/26/02	7/26/02	N/A Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Construction Equipment Mitigation Plan 30 days prior to rough grading or construction of linear facilities.	45 days prior to rough grading	11/30/01	8/27/01	9/27/01 Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Report of Change to the CPM no later than 10 working days after use of equipment on site.	30 days prior to rough grading	12/15/01	9/7/01	9/27/01 Complete
AQ-53	The heat input to the fire pump diesel engine shall not exceed 21.1 MM BTU totalled over any consecutive twelve month period.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	10 days after use of equipment on site			
AQ-54	The total hours of operation of the emergency generator shall not exceed 200 hours per calendar year, plus an additional 100 hours per calendar year for the purposes of maintenance and testing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports			
AQ-55	Install an oxidation catalyst to control VOC emissions.	As part of its final design plans, specifications, and drawings, submit to the District and the CPM for review and approval the final selection and design details of combustion equipment, including emission systems.	Submittal of final design plans			
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation			
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	The project owner shall include the results of the Annual Compliance Report	Annual Compliance Report			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CP/MCBO	Date approved by CP/MCBO
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/1/2002					
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CP/M a copy of the Project Construction Safety and Health Program and the Personal Protective Equipment Program, with a copy of the cover letter transmittal of the programs to Cal/OSHA.	30 days prior to start of construction	8/2/02	9/27/01 (Bechtel)	2/1/02(Bechtel)
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CP/M a letter from the San Jose Fire Department stating that they have reviewed and accepted the Construction Fire Protection and Prevention Plan.	30 days prior to start of construction	8/2/02	7/31/01	2/1/02
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	The Plan shall be submitted to the Cal/OSHA Consultation Service, for review and comment concerning compliance of the program with all applicable Safety Orders	Start of Operation			
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	Submit to the CP/M a copy of the final version of the Project Operation Safety & Health Program with a copy of the cover letter to Cal/OSHA's Consultation Service, and San Jose Fire Department comments stating that they have reviewed and accepted the specified elements of the Plan.	30 days prior to start of operation			
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	Provide the CP/M with a copy of an agreement with the City of San Jose Fire Department or shall provide an interim plan to address impacts until a permanent agreement can be reached.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	If an agreement cannot be reached at least 60 days prior to construction, the project owner will inform the CP/M and propose a plan to mitigate impacts on fire services.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02
TLSN-1	The project owner shall construct the proposed transmission line according to the requirements of Section 2700 through 2974 of the California Code of Regulations and PG&E's EMF-reduction measures.	Submit to the CP/M a letter affirming that the transmission line will be constructed according to the requirements.	30 days prior to start of construction of Transmission Line			
TLSN-2	Identify and correct any complaints of interference with radio and TV signals from operation of line and facilities.	All reports of line-related complaints shall be summarized and included for 5 years in the Annual Compliance Report to the CP/M	Annual Compliance Report			
TLSN-3	Engage a qualified consultant to measure the strengths of the line electric and magnetic fields in the project owners' 240-foot section before and after the 250 kV line is energized.	File copies of the pre-end post energization measurements with CP/M. These measurements shall be completed within 6 months of the start of the operations.	60 days after completion of			

METCALF ENERGY CENTER • COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action Required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	11/14/2002						
START OF CONSTRUCTION	9/1/2002						
TLSN-4	Ensure that the transmission line right-of-way is kept free of combustible material.	Provide a summary of inspection results and any fire prevention activities carried out along the ROW in the annual compliance report.	Annual Compliance Report				
TLSEN-5	Ensure the grounding of any ungrounded permanent metallic objects within the right-of-way of the overhead section.	Transmit to the CPM a letter confirming compliance with this Condition	30 days prior to energization of transmission line				
HAZ-1	Do not use any hazardous material in reportable quantities, not listed in Attachment 1 or in greater quantities or strengths than those identified unless approved in advance by Santa Clara County and the CPM.	Provide to the CPM and Santa Clara County, in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	Annual Compliance Report				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Provide a Risk Management Plan to Santa Clara County and the CPM to Santa Clara County and the CPM for review at the time the plans are first submitted to the U.S. EPA.	60 days prior to delivery of Aqueous Ammonia				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Include all recommendations of Santa Clara County and the CPM in the final document. At least 60 days prior to the delivery of aqueous ammonia to the facility, provide the final approved plans listed above to the CPM.	60 days prior to delivery of Aqueous Ammonia				
HAZ-3	Develop and implement a safety management plan for delivery of ammonia.	Provide a safety management plan as described above to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia				
HAZ-4	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K01.6 or to API 620.	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia				
HAZ-5	Provide a covered secondary containment basin to passively contain any spill during the delivery of aqueous ammonia to the storage facility.	Provide detailed design drawings and specifications for the secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to construction of ammonia secondary containment				
HAZ-6	The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection every 30 years and each 5 years thereafter.	Provide a detailed plan to accomplish a full and comprehensive pipeline design review in the future to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				
HAZ-7	Prepare and implement a pipeline maintenance plan.	Provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				

METCALF ENERGY CENTER COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	11/14/2002						
START OF CONSTRUCTION	9/11/2002						
HAZ-8	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM.	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route limitation to the County of Santa Clara and City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of hazardous materials				
HAZ-9	The natural gas pipeline shall be designed to meet CPUC General Order 112-D and 58 A standards, or any successor standards, and will be designed to meet Class III service.	Submit design and operation specifications to the CPM for review and approval.	Prior to initial gas flow in pipeline				
HAZ-10	Design and operate the facility to ensure that no fuels or lubricants are permanently or temporarily stored within 100 feet of the sulfuric acid tank.	Provide copies of the facility design drawings showing the location of the sulfuric acid storage tank and the route for transport.	60 days prior to delivery of Sulfuric Acid				
HAZ-11	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles which meet or exceed the specifications of the DOT MC-307 tanker trucks.	Submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	60 days prior to receipt of aqueous ammonia on site				
HAZ-12	Design, construct, and operate the project in conformance with all applicable laws, ordinances, regulations, and standards pertaining to the transport, storage, and handling of hazardous materials.	Submit final design drawings and specifications for all hazardous material storage areas and equipment to Santa Clara County and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Hazardous Materials				
WASTE-1	Obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste.	Keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.	Notify via Monthly Compliance Report	12/14/02	12/14/02	N/A	Complete
WASTE-1	The project owner shall obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste. (Operation).	Keep copies of the ID number and permit on file and notify the CPM via the monthly compliance report of their receipt - (operation).	Notify via Monthly Compliance Report	12/14/02	12/14/02	N/A	Complete
WASTE-2	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM or any such enforcement action.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Within 10 days of becoming aware of an impending enforcement action.				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit the construction waste management plan to the CPM for review.	60 days prior to start of construction				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submitt any required revisions within 30 days of notification by the CPM (or mutually agreed upon date),	Revise within 30 days of notification by CPM	7/3/02	6/1/201	7/27/01	Complete

METGALF ENERGY CENTER - COMPLIANCE MATRIX

Condition No.	Requirement & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The operation waste management plan shall be submitted no less than 60 days prior to the start of project operation.	60 days prior to start of operation				
START OF CONSTRUCTION	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The project owner shall submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	In the Annual Compliance Reports, document the actual waste management methods used during the year compared to planned management methods.	Annual Compliance Report				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit the qualifications and experience of the Registered Professional Engineer or Geologist to the CPM for approval.	30 days prior to ground disturbing activity				
WASTE-4	Have a registered PE available for consultation during soil excavation and grading activities.	Notify the CPM in writing within 5 days of any reports filed by the environmental professional.	Within 5 days of filing reports				
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	If significant remediation may be required, contact representatives of the Santa Clara County and Dept of Toxic Substances Control.	Within 5 days of filing reports				
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	Notify the CPM in writing within 5 days of any reports filed.	Within 5 days of filing reports				
WASTE-6	Obtain a Hazardous Material Clearance Form from the Santa Clara County Hazardous Materials Compliance Division.	Provide an approved copy of the Hazardous Material Clearance Form to the CPM.	Prior to the start of construction	3/20/02	3/20/02	Complete	
WASTE-7	The project owner shall perform additional limited investigations to fully characterize the site.	Prior to the start of construction, submit analytical results of the additional sampling to the CPM as a ESA Addendum.	Prior to the start of construction	2/21/02	2/21/02	N/A	Complete
WASTE-8	All site debris shall be removed from the site after owner has control of the site.	Notify the CPM in writing within ten days of removal of site debris.	Within 10 days after removal of site debris	9/10/01	9/10/01	10/2/01	Complete
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Monthly Compliance Reports provide updates on trail developments in the area around the site.	Monthly Compliance Report				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Submit to the City of San Jose Departments of Planning and Public Works for review of the trail design and maintenance plan.	Start of Construction of Trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Prior to the start of a trail that the MEC trail could be connected to, submit designs and the maintenance plan to the CPM.	180 days prior to start of construction of trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Notify the CPM that the trail segment has been completed and is ready for inspection.	Within 7 days after completion of trail segment				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Annual Compliance Reports provide updates on trail developments in the area around the site.	Annual Compliance Report				

METCALF ENERGY CENTER - COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CIO	Date approved by CPM/CBO	Status Comments
START OF MOBILIZATION/ROUGH GRAZING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
LAND-2	Landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Submit to the City of San Jose for review and comment and to the CPM for approval a revised landscape plan.	30 days prior to start of construction	8/2/02	8/7/02		Submitted
LAND-2	The project owner shall landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Notify the CPM that the work has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the CPM for approval.	60 days prior to start of construction	7/30/02	1/2/02	1/10/2001 1/14/01 3/12/02	Complete
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the boundaries are ready for inspection.	Prior to construction of specified facilities and structures				Submitted for cooling tower foundation only
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the San Jose review and comment.	60 days prior to start of construction	7/30/02	9/2/02	9/2/2001 3/12/02	N/A (City of San Jose)
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the facilities and structures are completed and are ready for inspection.	7 days after completion of specified facilities and structures				Complete
LAND-4	Ensure that any project directional signs, Identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the CPM for approval a site plan that demonstrates that the project complies with the "Entry Identification" guidelines.	30 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, Identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submittal to the City of San Jose for review and comment a site plan.	30 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, Identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Notify the CPM that these requirements have been satisfied and are ready for inspection.	Commercial Operation				
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit to the CPM a recorded copy of the Agreement.	90 days prior to start of construction	6/3/02	6/12/01	9/14/01	Complete
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit a landscape plan to the CPM for review and approval and the City of San Jose for review and comment.	Within sixty (60) days of sale of the Passantino property				
LAND-5	Ensure the protection of soil while using agricultural land as a construction laydown and parking areas.	Notify the CPM that the landscaping has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the protective measures stated above will be applied prior to the delivery of any construction materials.	30 days prior to delivery of construction materials	9/19/01	9/19/01	9/19/01	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Submit photographic evidence of the application.	7 days after completion of protective measures	3/14/02	3/14/02 5/10/2002	7/8/02	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the agricultural field used as the laydown area has been tilled and shall submit photographs of the tilled field.	30 days prior to commercial operation				

METCALF ENERGY CENTER COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/1/2002					
LAND-7	Ensure that any additional construction laydown areas needed along all pipeline routes are located within existing paved or gravel areas.	Submit a detailed map showing the location of any planned laydown areas along the pipeline routes and photographs of the areas.	60 days prior to construction of pipelines			
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit the plan to the Santa Clara County Parks and Recreation Department for review and obtain licenses and easements.	Prior to submittal to CPM			Option agreement signed 6/4/02. Will exercise option 45 days prior to construction of gas pipeline.
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM a copy of all licenses and easements secured from Santa Clara County and submit to the CPM a plan that describes how construction activities will be timed to avoid permitted park events.	30 days prior to construction of gas pipeline			
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Submit to the CPM an update of planned construction dates for the following week and a schedule of planned park events.	Weekly gas pipeline report			
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Submit to the CPM for review and approval a site plan that shows the precise alignment of the water supply and waste water pipelines in relation to existing orchard trees.	60 days prior to construction of pipelines			
LAND-9	Notify the CPM that stakes have been installed and the route is ready for inspection.	Notify the CPM that stakes have been installed and the route is ready for inspection.	7 days prior to ground disturbing activities related to pipeline construction			
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit a description of the procedure to minimize alteration of original soil stratigraphy.	30 days prior to ground disturbing activities related to pipeline construction			
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for trenching.	7 days prior to trenching for pipeline			
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for backfilling.	7 days after start of trenching for pipeline			
LAND-11	The heat recovery steam generator stacks shall be limited to 145 feet above finished grade.	Submit the final design specifications to the CPM for review and approval.	60 days prior to start of construction		7/30/02	10/17/01 Complete
TRANS-1	Comply with Caltrans and Santa Clara County limitation on vehicle sizes and weights.	Provide the number of any oversize and overweight transportation permits received during that reporting period.	Monthly Compliance Report			In progress
TRANS-2	Comply with Caltrans and County limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits.	Submit copies of any encroachment permits received during that reporting period in the Monthly Compliance Report.	Monthly Compliance Report			Caltrans encroachment permit for gas pipeline submitted in May Report.
TRANS-3	Ensure that all federal and state regulations for the transport of hazardous materials are observed.	Copies of all permits and licenses acquired concerning the transport of hazardous substances.	Monthly Compliance Report			

METCALF ENERGY CENTER: COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		START OF CONSTRUCTION				
Condition No.	Requirements & Task Summary		Action required	Event	Required Submittal Date	Date submitted to CPM/CBO
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	If the permanent crossing warning equipment is not in place , submit a traffic plan for the crossing to UPRR for review.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	Submit the executed Crossing Agreement to the CPM for approval.	60 days prior to site preparation	11/15/01	8/16/01	Complete
TRANS-4	Install railroad grade crossing warning equipment at the RR crossing for Blanchard Road.	Inform the CPM when the final grade crossing warning equipment is ready for inspection.	Installation of final grade crossing equipment	3/4/02	3/4/02	Submitted
TRANS-5	Consult with Santa Clara Co., San Jose, and Caltrans & prepare a Const. Traffic Control Plan and implementation program.	Provide to Santa Clara County, City of San Jose and Caltrans, and to the CPM, a copy of construction traffic control plan and Implementation Program.	Provide to Santa Clara County, City of San Jose 30 days prior to start of site preparation	10/2/01	10/2/01	10/24/01
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Prior to start of site preparation	11/15/01	8/9/01	8/13/01
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Start of ground disturbing activities related to pipeline construction			
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Notify Caltrans about the schedule for project construction.	60 days prior to site preparation	11/15/01	8/9/01	8/13/01
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Meet with the CPM, Santa Clara County, the City of San Jose and Caltrans to determine actions necessary for repair of roadways.	30 days after completion of project construction			
TRANS-7	Prepare and submit a parking and staging plan for all phases of project construction.	Submit the parking and staging plan to the City of San Jose and Santa Clara County for review and comment, and to the CPM for approval.	60 days prior to start of site preparation	10/2/01	10/2/01	10/24/01
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Contact the City regarding the status of the off-site portion of the Santa Teresa Boulevard connection, and inform the CPM.	12 months prior to commercial operation			
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Notify the City and CPM that the portion of the Santa Teresa Boulevard connection constructed by MEC is ready for inspection.	60 days prior to commercial operation			
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Notify residents and establish/post telephone number	15 days prior to start of rough grading and steam blows	12/30/01	10/3/01	N/A
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed by the project manager attesting that the above notification has been performed.	Monthly Construction Report Following the Start of Rough Grading	2/14/02	2/14/02	N/A
						Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/1/2002					
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed attesting that notification was send to all residents within a 1-mile radius of the project.	Commence Steam blow			
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Transmit a statement signed by the project manager attesting that a notification was send to all residents within a one-mile radius of the project.	Monthly Construction Report Following the Steam Blow activity			
NOISE-2	Throughout the construction and operation, document, investigate, evaluate and attempt to resolve all project related noise complaints.	File a copy of the Noise Complaint Resolution Form with City of San Jose and with the CPM documenting the resolution of the complaint.	30 days after receiving a noise complaint			
NOISE-3	Submit to the CPM the above referenced program.	Submit to the CPM the above referenced program.	30 days prior to Rough Grading	12/15/01	6/12/01	7/27/01
NOISE-4	If a traditional high-pressure steam blow process is employed, equip steam blow piping with a temporary silencer.	Submit to the CPM drawings describing the temporary steam blow silencer, and a description of the steam blow schedule.	15 days prior to first Steam Blow			
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit a summary report of the survey to City of San Jose and the CPM.	Within 30 days after completing survey			
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit to the CPM a summary report of a new noise survey.	Within 30 days of completion of installation of these measures			
NOISE-5	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	The survey shall be conducted within thirty (30) days after the facility is operating at an output of 80% of rated capacity or greater.	Thirty days after the facility is operating at an output of 80%			
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Submit the noise survey report to the CPM. The project owner shall also submit the report to OSHA upon request.	Within 30 days after completing the survey			
NOISE-7	Construction shall be restricted to the hours of: 7 a.m. to 7 p.m. on weekdays and from 8 a.m. to 6 p.m. on weekends and holidays.	Transmit a statement certifying that the above construction of the project.	First Monthly Compliance Report	11/15/02	11/15/02	N/A
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Submit proposed plan to the CPM for review and approval.	60 days prior to ordering first equipment that is color treated	8/1/02	8/1/02	Submitted for cooling tower color only.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification			
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Not less than thirty (30) days prior to the start of commercial operation			
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	Annual Compliance Report			
VIS-2	Any fencing for the project shall be non-reflective.	Submit the specifications to the CPM for review and approval.	At least 30 days prior to ordering the non-reflective fencing			

METCALF ENERGY CENTER® COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
VIS-2	Any fencing for the project shall be non-reflective.	If the CPM notifies the project owner that revisions of the submittal are needed the owner shall prepare and submit a revised submittal.	Within 30 days of receiving notification			
VIS-2	Any fencing for the project shall be non-reflective.	Notify the CPM that the fencing is ready for inspection.	Within 7 days after completing installation of the fencing			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Notify the CPM that the lighting is ready for inspection.	Within seven (7) days of completing exterior lighting installation			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Provide the lighting plan to the CPM for review and approval and to the City of San Jose for review and comment.	Ninety (90) days before ordering the exterior lighting,			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	If the CPM notifies the project owner that revisions of the submittal are needed, shall prepare and submit to the CPM a revised submittal.	Within 30 days of receiving notification			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Notify the CPM after completing the surface restoration that it is ready for inspection.	Within seven days after completing the surface restoration			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Submit the plan to the CPM for review and approval and to the City of San Jose or Santa Clara County for review and comment.	At least sixty (60) days prior to beginning implementation of the surface restoration			
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area, install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification			
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	The temporary and long-term aesthetic screening installations are ready for inspection, implementing the proposed plan	Within seven days after implementing the proposed plan		7/6/2002 (Temporary screen)	7/11/2002 (Temporary screen)
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit proposed plans to the City of San Jose for review and comment and CPM for review and approval.	At least ninety (90) days before intended removal of the temporary aesthetic screen			
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of notification			

METCALF ENERGY CENTER: COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		11/14/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CEO	Date approved by CPM/CBO
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown areas shall be revegetated and restored to its original condition.	Notify the CPM that the temporary aesthetic screening removal is ready for inspection.	Within seven days after implementing the proposed plan			
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose)
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	Revised Monterey Rd. plan submitted 12/18/01. Submitted revised Plan to City of San Jose Dept. of Public Works.
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment and the CPM for review and approval.	At least sixty (60) days prior to installing the screening	7/27/01	7/27/01, 12/18/01	2/15/02 (Aesthetic screen)
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	Submit any required revisions	Within 30 days of notification			
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	The project owner shall notify the CPM when ready for inspection	Within seven days after completing installation of the screening			
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the City of San Jose and County of Santa Clara Parks and Recreation Department for review and comment.	90 days prior to start of construction	6/3/02	6/12/01	Submitted / In progress. Working with County.
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the CPM for review and approval.	90 days prior to start of construction	6/3/02	6/12/01	Submitted / In progress. Working with County.
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit any required revisions	Within thirty (30) days of notification by the CPM.			
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Notify the CPM in writing that the aesthetic landscape screening installation is ready for inspection.	Within seven (7) days after completing the implementation of the proposed plan.			
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the County of Santa Clara Parks and Recreation Department for review and comment.	At least sixty (60) days before the beginning of construction of the gas metering station			

METCALF ENERGY CENTER - COMPLIANCE MATRIX

Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the CPM for review and approval.	At least sixty (60) days before the beginning of construction of the gas metering station				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit any required revisions.	Required revision by CPM per VIS-8				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Notify the CPM that the aesthetic treatment and landscape screening installation is ready for inspection.	Within seven (7) days after implementing the proposed plan				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of architectural treatment				Complete
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the CPM for review and approval.	At least sixty (60) days prior to the start of architectural treatment				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Notify the CPM in writing that all structures are ready for inspection.	Within thirty (30) days of notification by the CPM			10/2/02	Submitted
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Shall submit any required revisions.	Within thirty (30) days of notification by the CPM				
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the CPM for review and approval.	Thirty (30) days prior to the start of commercial operation				
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	The project owner shall submit any required treatments.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit the proposed plume abatement plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of construction	7/3/02	9/6/01	N/A	Complete
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit the proposed plume abatement plan to the CPM for review and approval.	At least sixty (60) days prior to the start of construction	7/3/02	9/5/01		Submitted. CEC comments received.
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	The project owner shall submit to the City of Santa Clara Parks and Recreation Department for review and comment a specific plan.	Within 30 days of notification by the CPM.			9/24/02	Submitted
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit to the CPM for review and approval a specific plan describing its landscape plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit any required revisions.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Notify the CPM, City of San Jose and County of Santa Clara Parks and Recreation Department that the planning installation is ready for inspection.	7 days after completion of planning installation				

METCALF ENERGY CENTER COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Date approved by CPW/CBO
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/1/2002					
VIS-12	Contact the owners of property along Blanchard Road and develop, a plan to screen views of the project from each property if so desired by a property owner.	Provide to the CPM a report on the landscaping/screening plan.	15 days prior to project construction	8/17/02	7/30/02	9/24/02 Complete
VIS-12	Contact the owners of property along Blanchard Road and develop, a plan to screen views of the project from each property if so desired by a property owner.	Notify the CPM when any measures are ready for inspection.	Measures are ready for inspection			
CUL-1	Name and statement of qualifications of its designated cultural resources specialist.	Submit name and qualifications.	90 days prior to site preparation	10/16/01	7/26/01	7/27/01 Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Confirm in writing to the CPM that the approved designated cultural resource specialist will be available at the start of construction.	At least 10 days but no more than 30 days prior to the start of earth disturbing activities	12/15/01	7/26/01	9/25/01 Complete
CUL-1	Name and statement of qualifications of its designated cultural resources specialist.	Obtain CPM approval of the replacement specialist.	10 days prior to termination of Cultural Specialist...			
CUL-2	Provide the designated cultural resource specialist and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	Provide the designated cultural resource specialist and the CPM with the maps and drawings.	75 days prior to the start of earth disturbing activities	10/31/01	8/20/01	11/1/01 Complete
CUL-3	CRS shall prepare, and the owner shall submit to the CPM for review and written approval, a CRMMP.	Submit the Cultural Resources Monitoring and Mitigation Plan.	60 days prior to project site preparation	11/15/01	6/12/01	12/15/01 Complete
CUL-4	WEAT for cultural resources	Submit to the CPM for review and written approval, the proposed WEAT.	60 days prior to the start of construction on the project	11/15/01	9/20/01	12/15/01 Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	7 days after start of construction	1/21/02	9/29/01	2/10/02 Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	1 Monthly Compliance Report			In progress
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	Provide the CPM with a letter confirming CUL-6.	30 days prior to site preparation	12/15/01	7/20/01	8/6/01 Complete
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	For any cultural resource encountered, the project owner shall notify the CPM within 24 hours.	Within 24 hours of cultural resource discovery			
CUL-7	Provide the designated cultural resources specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	10 days prior to site preparation	1/4/02	9/28/01	1/14/02 Complete
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	1 Monthly Compliance Report			In progress

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	11/4/2002					
START OF CONSTRUCTION	9/1/2002					
CUL-8	CRS monitor keep a daily log of any resource finds and the progress or status of the resource monitoring, mitigation, preparation, identification, and analytical work being conducted for the project.	Copies of the weekly summary reports shall be submitted to the CPW in the Monthly Compliance Report.	Monthly Compliance Report			In progress
CUL-9	Except in the areas specified in CUL-3(f), the designated cultural resource specialist or delegated monitor(s) shall be present at times the specialist deems appropriate.	Copies of the weekly summary reports prepared by the designated cultural resource specialist regarding project-related cultural resource monitoring.	Monthly Compliance Report			In progress
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Submit a copy of any permit addressing data recovery excavation.	Monthly Compliance Report			
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Provide written documentation to the permitting agency of compliance with any mitigation measures.	Completion of mitigation activity			
CUL-11	Ensure that the CRS performs the recovery, etc. of all cultural resource materials encountered and collected.	Maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university (ies), or other appropriate research specialists.	Periodic Audit by the CPW			
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Submit it to the CPW for review and written approval.	7 days after completion of the proposed scope of work,			
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Ensure that the designated cultural resources specialist prepares the proposed scope of work.	Completion of Data Recovery per CUL-12			
CUL-13	Prepare a Cultural Resources Report as described in CUL-13. Submit the report to the CPW for review and written approval.	Ensure that the designated cultural resource specialist completes the Cultural Resources Report.	Within 90 days following completion of the data recovery and site mitigation work.			
CUL-13	Prepare a Cultural Resources Report as described in CUL-13.	Submit the Cultural Resources Report to the CPW for review and written approval.	Within seven (7) days after completion of the report.			
CUL-14	Submit an original, an original-quality copy, and a computer disc copy, of the CPW-approved Cultural Resource Report to the public repository to receive the recovered data and materials for curation, with copies to the State Historic Preservation Officer (SHPO), the appropriate regional archaeological information center(s), and a person employed by the City of San Jose who is authorized to receive confidential cultural resources information.	Provide to the CPW documentation that the report has been sent to the public repository receiving the recovered data and materials for curation, the SHPO and the appropriate archaeological information center(s), and the City of San Jose, to a person authorized to receive confidential cultural resources information.	Within thirty (30) days after receiving approval of the Cultural Resources Report			
CUL-15	Ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository.	Ensure that all recovered cultural resource materials are delivered for curation. For the life of the project, maintain copies of signed contracts or agreements with the public repository.	Within thirty (30) days after providing the CPW-approved Cultural Resource Report to the entities			
CUL-16	Consult with Ohlone/Costanoan Native American tribal representatives to develop an agreement(s) for qualified monitor(s).	Provide the CPW with a copy of all finalized agreements for Native American (Ohlone/Costanoan) monitor(s).	30 days prior to site preparation	12/15/01	8/8/01	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CEO
CUL-17	Presence/absence testing shall be conducted in the vicinity of the natural gas pipeline route or P&E metering station. Comply with Cul-1, Cul-4 and Cul-5. Comply with Cul-2 and Cul-3 for the entire project. CRS shall examine the area of initial project site mobilization.	Reports addressing the results of the presence/absence testing shall be included in the Monthly Compliance Report. Provides the CPM with information authored by the CRS identifying the area of initial site mobilization.	Monthly Compliance Report			
CUL-18	If the potable water wells and associated pipelines are to be located anywhere but in an area defined as part of the proposed project then a cultural resource assessment shall be required.	Submit the results of the records search and the results of the survey.	7 days prior to site mobilization	1/7/02	10/2/01	12/15/01 Complete
CUL-19	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Submit copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.	90 days prior to start of construction or wells			
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Notify the CPM the reasons for any planned procurement of materials or hiring outside the local regional area that will occur during the next two months.	60 days prior to site preparation	11/15/01	7/20/01	8/8/01 Complete
SOCIO-1	Pay the one-time statutory school facility development fee as required at the time of filing.	Pay the statutory school facility development fee At Time of Filing as required at the time of filing.	Monthly Compliance Report			In progress
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Provide proof of payment of the statutory development fee.	At Time of Filing			
SOCIO-2	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	Provide proof of payment of the statutory development fee.	Monthly Compliance Report after fees are paid			
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	Submit name, qualifications, address and telephone number of the individual selected.	60 days prior to start of ground disturbance	11/15/01	7/23/01	7/27/01 Complete
BIO-1	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	If the CPM determines the proposed Designated Biologist to be unacceptable, submit another individual's name and qualifications for consideration.	Notification by CPM that proposed Designated Biologist is unacceptable			
BIO-2	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Biologist shall maintain written records of the tasks described.	Monthly Compliance Report			In progress
BIO-2		Submit record summaries in the Annual Compliance Report	Annual Compliance Report			
BIO-3	Act on the advice of the Designated Biologist to ensure conformance with the Biological Resources Conditions of Certification and shall halt all construction activities, if necessary.	Notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.	Within 2 working days of notification of non-compliance			
BIO-4	Submit to the CPM for review and approval a copy of the final BRMMP and shall implement the measures identified in the plan.	Provide the CPM with the final version of the BRMMP.	45 days prior to start of ground disturbance	11/30/01	7/23/01	8/30/01 Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date to CPM/CBO	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
BIO-4	Submit to the CPM for review and approval a copy of the final BRMMP and shall implement the measures identified in the plan.	Provide to the CPM for review and approval, a written report identifying which items of the BRMMP have been completed.	30 days after construction complete			
BIO-5	Develop the riparian corridor planting plan for inclusion into the BRMMP.	Provide to the CPM for review and approval the riparian restoration plan.	45 days prior to ground disturbance	11/30/01	7/23/01	Complete
BIO-6	Develop WEAT for biological resources.	State in the Monthly Compliance Report the number of persons who have completed the training in the prior month.	Monthly Compliance Report			In progress
BIO-6	Develop WEAT for biological resources.	Provide copies of the WEAT and the name and qualifications of the person(s) administering the program.	60 days prior to start of rough grading	11/15/01	9/20/01	12/5/2001 3/13/02 (video)
BIO-7	Acquire a SAA from CDFG.	Submit to the CPM a copy of the final CDFG Streambed Alteration Agreement.	30 days prior to the start of any streambed alteration disturbances	9/30/02 (outfall)		In progress
BIO-8	Provide a final copy of the U.S. Fish and Wildlife Service Biological Opinion.	Submit to the CPM a copy of the USFWS Biological Opinion.	45 days prior to the start of ground disturbance	11/30/01	7/23/01	Complete
BIO-9	Provide a final copy of the Nationwide No. 7 permit.	Submit to the CPM a copy of the Nationwide No. 7 permit.	30 days prior to the start of any streambed alteration	8/1/02	8/14/02	Submitted
BIO-10	Provide 116 acres of land on Tujere Hill and 15 acres of land on Coyote Ridge, the name of the entity that will be managing the land in perpetuity, and the endowment funds.	Provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund has been received.	Within one week of commencing ground disturbance activities	1/21/02	2/26/02	Submitted
BIO-11	Develop a suitable final habitat management and monitoring plan for lands purchased on Tujere Hill and Coyote Ridge.	Provide the CPM with the final approved version of the management plan. Incorporate into BRMMP.	60 days prior to start of ground disturbance	11/15/01	8/25/01	7/9/01 Complete
BIO-12	Incorporate into closure plan measures that address the local biological resources and incorporate into the BRMMP.	Address all biological resource-related issues associated with facility closure.	12 months prior to facility closure			
BIO-13	Comply with BIO-1, BIO-2, and BIO-10 and complete BIO-6. Examine the areas and ensure no special status species are present.	Provide the CPM with the location (dates), methods(s), and results of the pre-examination.	10 days prior to mobilization	1/4/02	9/28/01	10/17/01 Complete
SOIL & WATER-1	Disinfected, tertiary-treated, recycled water will be used at the Metcalf Energy Center for cooling purposes and other appropriate non-potable uses.	Provide CPM with a copy of a valid Recycled Water use permit from the City of San Jose;	Construction complete			
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Monthly Compliance Report			In progress
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Annual Compliance Report			
SOIL & WATER-1	Provide a firm commitment for its construction water supply.	Submit commitment to CPM.	30 days prior to the start of construction	8/2/02	12/5/01	12/28/01 Complete
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Submit a copy of the SWPPP to the CPM for review and approval.	30 days prior to start of ground disturbance	12/15/01	8/31/01	Complete for project site

METCALF ENERGY CENTER: COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Approval of the plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	1/14/02	8/31/01	10/18/01
SOIL & WATER-3	Final erosion control and revegetation plan that addresses all project elements.	Approval of the final plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	12/15/01	8/31/01	10/18/01
SOIL & WATER-4	Obtain SCVWD approval for all activities within floodways or upon or within the banks of watercourses.	Obtain SCVWD approval.	30 days prior to ground disturbance	12/15/01	8/31/01	1/25/02
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP).	60 days prior to commercial operation			
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Submit a copy of the Storm Water Pollution Prevention Plan (SWPPP).	2 weeks prior to commercial operation			
SOIL & WATER-6	Industrial Discharge Permit from the City of San Jose Environmental Services Division.	Provides the CPM a copy of a valid industrial Discharge Permit.	45 days prior to commercial operation			
SOIL & WATER-7	Obtain a Section 401 Certification from the San Francisco RWQCB.	Submit to the CEC CPM a copy of the Section 401 Certification.	30 days prior to the start of any streambed alteration activities			
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Submit the following to the Energy Commission CPM: all construction specifications, a copy of the valid well permit(s) and registration numbers, any construction or operation conditions.	30 days prior to construction of wells			
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Notify the CPM that the wells have been installed and submit the results of the pump and aquifer tests conducted.	30 days after completion of wells			
SOIL & WATER-9	Design, construct, and fully fund the portion of the SBWR reclaimed water supply pipeline dedicated to, and essential for, the operation of MEC.	Submit evidence demonstrating that the project owner has negotiated or is negotiating one or more agreements to provide SBWR reclaimed water.	30 days prior to start of construction			
GEO-1	Assign to the project an engineering geologist(s).	Submit to the CPM the name(s) and license number(s) of the certified engineering geologist(s).	30 days prior to start of construction			
GEO-1	Assign to the project an engineering geologist(s).	Notify CPM of replacement of Engineering Geologist.	Replacement of Engineering Geologist	8/2/02	8/24/01	10/1/01
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit Grading Permit Application GEO-2.	Application for Grading Permit par GEO-2	1/28/02	1/28/02	2/6/02
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO.	15 days after submittal of application	1/11/02	1/11/02	4/4/02
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit copies of the Final Engineering Geology Report to the CPM and the CBO.	90 days following completion of Final Grading.	1/28/02	1/14/02	1/24/02
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Submit the name and resume and the availability for its designated paleontological resource specialist.	60 days prior to start of construction	6/3/02	7/26/01	7/27/01

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	11/14/2002					
START OF CONSTRUCTION	9/1/2002					
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Obtain CPM approval of the replacement specialist.	10 days prior to termination or release of PRS			
PAL-2	Prepare Paleontologic Resources Monitoring and Mitigation Plan. WEAT for paleo resources.	Provide the CPM with a copy of the Monitoring and Mitigation Plan. Submit to the CPM for review, comment, and written approval, the WEAT.	60 days prior to start of construction	6/12/01	6/12/01	7/27/01 Complete
PAL-3	WEAT for paleo resources.	Documentation for training of additional new employees. Include a summary of paleontological activities.	30 days prior to start of construction	9/20/01	9/20/01	10/3/2001 3/2/02 (Video) Complete
PAL-4	The designated paleontological resource specialist shall be present at all times he or she deems appropriate to monitor.	Maintain in compliance files copies of signed contracts or agreements with the designated paleontological resource specialist. Maintain these files for a period of three years after approval Paleontological Resources Report.	Monthly Compliance Report			In progress
PAL-5	Ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials.	Maintain in compliance files copies of signed contracts or agreements with the designated paleontological resource specialist. Maintain these files for a period of three years after approval Paleontological Resources Report.	Periodic Audit by the CPM per PAL-5			In progress
PAL-6	Ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Submit a copy of the Paleontological Resources Report to the CPM for review and approval.	Within 90 days following completion of the analysis			
PAL-7	Include in the Facility closure plan a description regarding facility closure activity's potential to impact paleontological resources.	Include a description of closure activities in the facility closure plan.	Facility Closure Plan			
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Submit to the CPM a statement of verification attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Decision have been met.	Within 30 days after receipt of the Certificate of Occupancy.			
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Provide the CPM a copy of the Certificate of Occupancy.	Within 30 days after receipt of the Certificate of Occupancy.			
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Submit the schedule, a Master Drawing List, and 60 days prior to start of rough grading	11/15/01	10/4/01	10/18/01	Complete
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Provide schedule updates in Monthly Compliance Report	Monthly Compliance Report			
GEN-3	Make payments to the CBO for design review, plan check, and construction inspection.	Make the required payments to the CBO at the time of submittal.	Submittal of plans to the CBO.			In progress
GEN-3	Make payments to the CBO for design review, plan check, and construction inspection.	Send a copy of the CBO's receipt of payment to the CPM.	Monthly Compliance Report after Fees are Paid	11/15/01	12/14/01	N/A In progress
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit to the CBO for review and approval, the name, qualifications and registration number of the RE.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01 Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		1/14/2002				
START OF CONSTRUCTION		9/17/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approvals of the RE.	Within 5 days of CBO approval	8/12/01	9/18/01	N/A
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	12/12/01	12/12/01	1/16/02
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approval of the new engineer (RE).	Within 5 days of CBO approval	1/21/02	1/18/02	N/A
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit to the CBO for review and approval, the names, qualifications, and registration numbers of all the responsible engineers.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Within 5 days of CBO approval	8/12/01	8/16/01	N/A
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit qualifications of replacement engineer.	Within 5 days	12/17/01 11/26/01	1/18/01	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days of CBO approval	1/18/02 & 1/28/02	N/A	Complete
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications.	15 days prior to any activity requiring Special Inspection	1/1/02	1/16/02	In progress
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CPM a copy of the CBO's approval.	Monthly Compliance Report after Special Inspectors are approved	2/14/02		In progress
GEN-6	Assign qualified and certified special inspector(s).	Replacement of special inspectors	Replacement of Special Inspector			
GEN-6	Assign qualified and certified special inspector(s).	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days of CBO approval			
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Submit monthly construction progress reports to the CBO and CPM.	Monthly Construction Progress Report			In progress
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Document the discrepancy and recommend the corrective action required.	Discrepancy In Design or Construction			
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Transmit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of CBO Approval or Disapproval of Discrepancy			
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Within 5 days of CBO Approval or Disapproval of Discrepancy			
GEN-8	Obtain the CBO's final approval of all completed work.	Submit to the CBO, with a copy to the CPM, a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the compilation of any work			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report.	Submit the documents described above to the CBO for review and approval.	15 days prior to start of rough grading	12/30/01	8/27/01	4/2/02
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report.	Submit a written statement certifying that the documents have been approved by the CBO.	Monthly Compliance Report after CIVIL-1 Documents are Approved	5/14/02	5/14/02	Submitted with May Monthly Compliance Report.
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Notify CPM within 5 days when work is stopped.	Within 5 days when work is stopped			
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Submit modified plans, specifications and calculations to the CBO based on new conditions.	Work Stopped Due to Unforeseen or Adverse Soil Conditions			
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Copy CPM within 5 days of CBO approval of Modified Plans.	5 days of CBO approval			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Start of Rough Grading	Within 5 days of discovery of discrepancy in grading		
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	The resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report and the proposed corrective action.	Within 5 days of resolution of grading NCR.		
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Submit the details of the corrective action to the CBO and the CPM.	Within 5 days of resolution of grading NCR.			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	A list of NCR's, for the reporting month, shall also be included in the following Monthly Compliance Report.	Monthly Compliance Report after Resolution of Grading NCR.			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit to the CBO the responsible Civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans.	30 days after completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	7/26/02	7/26/02	Complete for phase 1 grading only.
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit a copy of this report to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report Following Completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	8/14/02	8/14/02	Complete for phase 1 grading only.
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CBO, with a copy to the CPM, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements.	30 days prior to any increment of STRUC-1 Construction			
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Obtain approval from the CBO of lateral force procedures proposed for project structures. Obtain approval from the CBO for the final design plans, specifications, calculations, soil's reports, and applicable quality control procedures. Submit to the CBO the required number of copies of the structural plans, specifications, calculations. The final designs, plans, calculations and specifications shall be signed and stamped by the responsible design engineer.	90 days prior to the start of on-site fabrication and installation of each structure			In progress
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	If the CBO discovers non-conformance with the stated requirements, resubmit the corrected plans to the CBO with a copy to the CPM.	Within 20 days of receipt of the nonconforming submittal			
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CBO a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements.	Approval by the CBO of Resubmitted STRUC-1 Submittal			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit test reports and inspection reports to the CBO	Test Reports or Inspection Reports are Complete			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If a discrepancy is discovered in any of the above data prepare and submit an NCR to the CBO, with a copy of the transmittal letter to the CPM.	Within 5 days of discovery of discrepancy			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit a copy of the corrective action to the CBO and the CPM.	Within five days of resolution of the NCR			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM. If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Within 15 days of CBO approval			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Notify the CBO of the intended filling of design changes, and shall submit the required number of sets of revised drawings and the required number of copies, with a copy of the transmittal letter to the CPM.	Within 5 days of CBO disapproval			
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Design Changes to STRUC-1 Designs Previously Approved by the CBO				
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Monthly Compliance Report			
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	30 days prior to the start of installation of the tanks or vessels			
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report			
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Transmit a copy of the CBO's inspection approvals to the CPM.	Monthly Compliance Report			
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Submit to the CBO for approval, with a copy to the CPM, the proposed final design plans, specifications, calculations, and quality control procedures for that increment of construction of piping systems.	30 days prior to the start of any increment of piping construction			
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of MECH-1 Piping Systems			
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification, with a copy to the CPM.	30 days prior to the start of on-site fabrication or installation of any pressure vessel			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	9/14/2002					
START OF CONSTRUCTION	9/1/2002					
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	The project owner shall send copies of the CBO plan check approvals to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for Pressure Vessels			
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Transmit a copy of the CBO's and/or Cal-OSHA inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of Pressure Vessels Defined in MECH-2			
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy or the signed and stamped statement from the responsible mechanical engineer, with a copy to the CPM.	30 days prior to the start of construction of any HVAC or refrigeration system			
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Send copies of CBO comments and approvals to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for HVAC Systems			
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of HVAC Systems Defined in MECH-3			
MECH-4	Prior to the start of each increment of plumbing construction, submit to the CBO's approval the final design plans, specifications, calculations, and CAQ/C procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Submit to the CBO the final design plans, specifications and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC.	30 days prior to the start of construction of any of the above systems			
MECH-4	Prior to the start of each increment of plumbing construction, submit to the CBO's approval the final design plans, specifications, calculations, and CAQ/C procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Send the CPM a copy of the transmittal letter with the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC in the next Monthly Compliance Report.	Monthly Compliance Report after Mechanical Engineer Certification of HVAC System per MECH-4			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Transmit a copy of the CBO's inspection approvals to the CPM in the next Monthly Compliance Report following completion of that increment of construction.	Monthly Compliance Report after CBO Inspection of HVAC System per MECH-4			
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Submit to the CBO for review and approval the final design plans, specifications and calculations for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer.	30 days prior to the start of each increment of electrical construction			
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Send a copy of the transmittal letter of the signed and stamped statement from the electrical engineer attesting compliance with the applicable LORS to the CPM.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-1			
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	The following activities shall be reported in the Monthly Compliance Report: 1. Receipt or delay of major electrical equipment, 2. Testing or energization of major electrical equipment.	Monthly Compliance Report after Receipt or Testing of Equipment or CBO Approval of Electrical Drawings per ELEC-1			
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Submit to the CBO for review and approval the final design plans, specifications and calculations, for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer certifying compliance with the applicable LORS.	30 days prior to the start of each increment of electrical equipment installation			
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Send a copy of the transmittal letter of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-2			
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM. Design drawings, specifications and calculations for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment.	60 days prior to construction of transmission facilities			
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM. b) For each element of the transmission facilities as identified above, the submittal package to the CPM shall contain the design criteria, etc.	60 days prior to construction of transmission facilities			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CP/M/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM; c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment.	60 days prior to construction of transmission facilities			
TSE-2	Inform the CPM of any impending changes which may not conform to the requirements of 1a - h listed in TSE-1 and request CPM approval to implement changes.	Inform the CPM of any impending changes which may not conform.	60 days prior to construction of transmission facilities			
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM "as built" engineering description(s) and one-line drawings of the as-built facilities signed and sealed by a registered electrical engineer in responsible charge.	Within 60 days after synchronization of the project			
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer.	Within 60 days after synchronization of the project			
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer.	Within 60 days after synchronization of the project			
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docking. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH PRE-CONSTRUCTION MILESTONES TO ENABLE START OF CONSTRUCTION WITHIN ONE YEAR OF CERTIFICATION	Project Certification	10/24/01	10/24/01	11/19/01
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docking. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH CONSTRUCTION MILESTONES FROM DATE OF START OF CONSTRUCTION	Project Certification	10/24/01	10/24/01	11/19/01
US Dep Commerce	The project applicant shall notify the NMFS Santa Rosa office when project construction begins and ends, (horizontal drilling).	Notify NMFS	Start of streambed alteration activities			
Pre-constr matrix	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted to the CPM.	Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction.	Start of Construction	9/1/02	8/30/02	Complete
Compliance matrix	A compliance matrix shall be submitted by along with each monthly and annual compliance report.	Submit compliance matrix to CPM	Monthly Compliance Report	11/15/01	11/15/01	In progress

CBO SUBMITTALS, COMMENTS AND APPROVALS

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT #12

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CBO Number	Rev.	Document Title	Approved Comments	Open Closed	Comments	Actual CBO Date	CBO Response	CBO Approval
CIVIL-1	0	TECHNICAL SPECIFICATION FOR EARTHWORK, GRADING AND STRUCTURAL BACKFILL	Approved	CLOSED	11/15/01	10/22/01		1/28/02
CIVIL-1	0	SITE PLAN	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	SITE PLAN	Comments Approved	CLOSED	N/A	10/15/01	10/31/01	10/26/01
CIVIL-1	0	CONSTRUCTION FACILITIES	Comments OPEN	OPEN	9/18/01	8/27/01		
CIVIL-1	2	CONSTRUCTION FACILITIES	Comments OPEN	OPEN		2/27/02		
CIVIL-1	2	CONSTRUCTION FACILITIES	Resubmittal OPEN	OPEN		4/25/202		
CIVIL-1	2	CONSTRUCTION FACILITIES	Comments OPEN	OPEN	6/12/02			
CIVIL-1	0	PLOT PLAN	Approved	CLOSED	10/26/01	9/18/01		4/2/02
CIVIL-1	0	STORM WATER PIPING PLAN	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	STORM WATER PIPING PLAN	Comments Approved	CLOSED	10/26/01	10/10/01		4/2/02
CIVIL-1	0	CLEARING, STRIPPING, AND STOCKPILE PLAN	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	CLEARING, STRIPPING, AND STOCKPILE PLAN	Comments Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	EROSION CONTROL DETAILS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	EROSION CONTROL DETAILS	Comments Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DRAINAGE DETAILS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	DRAINAGE DETAILS	Comments Approved	CLOSED	10/26/01	10/10/01		4/2/02
CIVIL-1	0	ROUGH GRADING DETAILS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING DETAILS	Comments Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DRAINAGE HEADWALL DETAILS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	DRAINAGE HEADWALL DETAILS	Comments Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	ROUGH GRADING SECTIONS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING SECTIONS	Comments Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	RETAINING WALL PLAN, PROFILE AND DETAILS	Comments Approved	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	RETAINING WALL PLAN, PROFILE AND DETAILS	Comments Approved	CLOSED	10/26/01	10/10/01		
CIVIL-1		RETAINING WALL PLAN, PROFILE AND DETAILS	Comments Approved	CLOSED	3/19/02	3/15/02		
CIVIL-1	FCR-0002	RETAINING WALL PLAN, PROFILE AND DETAILS	Approved	CLOSED	4/8/02			4/8/02

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CBO Number	Rev.	Document Title	Approved Comments	Open/Closed	Date Comment Entered	Actual to CBO	CBO Response	CBO Approval
CIVIL-1	0	ROUGH GRADING PLAN PHASE 1	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING PLAN PHASE 1	Approved	CLOSED	N/A	10/15/01	10/31/01	10/26/01
CIVIL-1	2	ROUGH GRADING PLAN PHASE 1	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	3	ROUGH GRADING PLAN PHASE 1		CLOSED		10/25/01		
CIVIL-1	0	ROUGH GRADING PLAN PHASE 2	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING PLAN PHASE 2	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	MAIN ACCESS ROAD PLAN AND PROFILE	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	MAIN ACCESS ROAD PLAN AND PROFILE	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	RAILROAD PLAN AND PROFILE	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	RAILROAD PLAN AND PROFILE	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DESIGN OF REINFORCED CONCRETE RETAINING WALL	Comments	CLOSED	10/26/01	10/10/01		
CIVIL-1	1	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	2	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	SOUTH LAYDOWN SEDIMENT & EROSION CONTROL PLANS	Comments	OPEN	6/17/02			
CIVIL-1	1	SOUTH LAYDOWN SEDIMENT & EROSION CONTROL PLANS	Approved	CLOSED			7/3/02	9/26/02
CIVIL-1	0	ENGINEERING GEOLOGY REPORT	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	0	ENGINEERING GEOLOGY REPORT		CLOSED				
CIVIL-1	0	ENGINEERING GEOLOGY REPORT	Approved	CLOSED				4/2/02
CIVIL-1	0	PRELIMINARY STORM WATER MANAGEMENT BASIN SIZING CALCULATION						
CIVIL-1	0	STORM DRAIN SYSTEM DESIGN	Comments	CLOSED	9/18/01	8/27/01		4/2/02
CIVIL-1	1	STORM DRAIN SYSTEM DESIGN	Approved	CLOSED	10/26/01	10/10/01		4/2/02

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

Document Number	Rev.	Document Title	Approved Comments	Open/Closed	Date Commented	Action CBO CBG	CBO Response	CBO Approval
CIVIL-1	0	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Comments	CLOSED	N/A	11/30/01		
CIVIL-1	1	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT (SEALED)	Approved	CLOSED	N/A	1/4/02	1/8/02	4/2/02
CIVIL-1		MR. KIT YINING RFE CIVIL DRAINING/EROSION CONTROL	Approved	CLOSED		8/3/01	8/7/01	8/7/01
CIVIL-1		MR. BILL PETROSKI, HYDRAULIC ENGINEER (RESUBMITTAL)		CLOSED		12/26/01		
GEO-2		ENGINEERING GEOLOGY REPORT	Approved	CLOSED				4/2/02
STRUC-1	0	FURNISHING AND DELIVERING READY-MIX CONCRETE		OPEN		10/19/01		
STRUC-1	0	CONCRETE AND EARTHWORK TESTING SERVICES		OPEN		10/19/01		
STRUC-1	C	SPECIFICATIONS FOR PILING, CONCRETE FILLED PIPE PILES	Comments	OPEN	3/1/02			
STRUC-1		CONCRETE FORMWORK, CURING AND GROUT (Specifications 03100)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1	A	CONCRETE CURING (Spec. 03390)	Approved	CLOSED				3/26/02
STRUC-1		CONCRETE CURING (Spec. 03390)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1	A	GROUT (Spec. 03600)	Approved	CLOSED				3/26/02
STRUC-1	0	GROUT (Spec. 03600)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1		GROUT (Spec. 03600)	Approved	CLOSED				3/26/02
STRUC-1		CIVIL/STRUCTURAL DESIGN CRITERIA	Comments	OPEN	4/18/02			
STRUC-1		CIVIL/STRUCTURAL DESIGN CRITERIA	Approved	CLOSED				5/15/02
STRUC-1	0	DESIGN OF CONCRETE FILLED PIPE PILES		OPEN		4/2/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

DOC Number	Rev	Document Title	Approved Comments	Date Closed	Comment	Actual Date CBO CEO Response	CBO Approval Date
STRUC-1	0	COMBUSTION TURBINE FOUNDATION DESIGN-UNIT#1		OPEN		4/2/02	
STRUC-1	0	STEAM TURBINE PEDASTAL FOUNDATION DESIGN		OPEN		4/2/02	
STRUC-1	0	MAT FOUNDATION FOR HRSG AND STACK -UNIT#1		OPEN		4/2/02	
STRUC-1	0	COMPOSITE PILE PLAN		OPEN		4/2/02	
STRUC-1	0	PILE SECTIONS AND DETAILS		OPEN		4/2/02	
STRUC-1	0	UNIT#1-COMBUSTION TURBINE GENERATOR PILE LOCATION PLAN		OPEN		4/2/02	
STRUC-1	0	STEAM TURBINE GENERATOR PEDASTAL PILE LOCATION PLAN		OPEN		4/2/02	
STRUC-1	0	HRSG PILE LOCATION PLAN-UNIT#1		OPEN		4/2/02	
STRUC-1	0	PILING DRAWINGS & CALCS. FOR CTG, STG & HRSG FOUNDATIONS		OPEN		4/4/02	
STRUC-1		DRAWINGS & CALCULATIONS FOR CTG FOUNDATIONS		CLOSED			5/31/02
STRUC-1	0	PILE DRAWINGS & CALCS. FOR HRSG FOUNDATIONS		OPEN		4/12/02	
STRUC-1		PILE DRAWINGS & CALCS. FOR HRSG FOUNDATIONS		CLOSED			5/16/02
STRUC-1		SEISMIC CALCULATIONS, 200 GALLON RESERVOIR HYDRAULIC POWER UNIT	Approved	CLOSED	N/A		5/10/02
STRUC-1		REPORT ON SEISMIC DESIGN MOTIONS	Approved	CLOSED	N/A		3/21/02
STRUC-1		DESIGN WIND SPEED	Approved	CLOSED			3/19/02
STRUC-1		DESIGN REPORT FOR W501F EXHAUST SYSTEM DIFFUSER	Approved	CLOSED			4/24/02
STRUC-1		GENERAL NOTES AND TYPICAL DRAWINGS	Approved	CLOSED			4/30/02

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

Doc Number	Rev	Document Title	Approved Comments	Open/Closed	Date Commented	Actual to CBO	CBO Response	CBO Approval
STRUC-1	0	CTG UNITS 1&2 FOUNDATION PLAN (CALCS.)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION PLAN (DRAWING S205)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - SECTIONS (DRAWING S206)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - SECTION & DETAILS (DRAWING S208)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - EMBEDDED ITEMS (DRAWING S210)		OPEN		4/16/02		
STRUC-1		GAS TURBINE DOCUMENT TRANSMITTAL	Comments	OPEN		5/17/02	5/31/02	
STRUC-1	0	STEAM TURBINE GENERATOR FOUNDATION DESIGN	Comments	OPEN		5/30/02		
STRUC-1	1	STEAM TURBINE GENERATOR FOUNDATION DESIGN		OPEN	7/23/02	6/19/02		
STRUC-1	1	STEAM TURBINE GENERATOR FOUNDATION DESIGN		OPEN		8/15/02		
STRUC-1	0	STEAM TURBINE PLATFORM PILE PLAN	Comments	OPEN		5/30/02		
STRUC-1	1	STEAM TURBINE PLATFORM PILE PLAN	Approved	CLOSED		6/19/02	6/24/02	
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION PLAN (DRAWING S125)		OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION PILE CAP DETAILS (DRAWING S135)		OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION SECTIONS & DETAILS (DRWNG S190)		OPEN	7/23/02	6/19/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CBO Number	Rev.	Document Name	Approved Comments	Date Closed	Actual to CBO	CBO Response	CBO Approval
STRUC-1	1	STEAM TURBINE PLATFORM (DRAWING S190)	OPEN		8/15/02		
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION SECTIONS & DETAILS (DRAWING S191)	OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM ANCHOR BOLT SCHEDULE (DRAWING S192)	OPEN	7/23/02	6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM ENLARGED FOUNDATION PLAN	OPEN		6/19/02		
STRUC-1		TESTING LABORATORY SERVICES (Spec. 01410)	Approved	CLOSED			6/14/02
STRUC-1		STRUCTURAL STEEL PRE-ENGINEERED BUILDINGS	Approved	CLOSED			6/14/02
STRUC-1	0	AGGREGATE BASE COURSE (Spec. 02721)	OPEN		6/24/02		
STRUC-1	0	ASPHALT PAVING (Spec. 02740)	OPEN		6/24/02		
STRUC-1	0	CONCRETE REINFORCEMENT (Spec. 03200)	OPEN		6/24/02		
STRUC-1		HILLIER/GIEGER DOCUMENTS FOR VISUAL SCREEN FOUNDATION LOADS	OPEN	7/23/02	6/20/02		
STRUC-1	1	CONCRETE-FILLED PIPE PILES	OPEN		6/20/02		
STRUC-1	1	CONCRETE-FILLED PIPE PILES	OPEN		9/19/02		
STRUC-1	2	PILE LOAD TEST PLAN	OPEN		6/20/02		
STRUC-1	5	PILE LOAD TEST PLAN	OPEN		9/19/02		
STRUC-1		PILE LOAD TESTING - CONC. & RECOMMENDATIONS	OPEN		9/19/02		
STRUC-1	1	PILE TEST PROGRAM	OPEN		9/19/02		
STRUC-1	2	TEST PILE SECTIONS AND DETAILS	OPEN		6/20/02		
STRUC-1	0	ROAD GEOMETRY PLAN	OPEN		6/13/02		
STRUC-1	2	ROAD GEOMETRY PLAN	OPEN		8/21/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CO Number	Rev	Document Title	Approved Comments	Open Closed	Comments	Actual Date CEO	CBO Request	CBO Approved
STRUC-1	0	TYPICAL ROAD CROSS SECTION		OPEN		6/13/02		
STRUC-1	2	TYPICAL ROAD CROSS SECTION		OPEN		8/21/02		
STRUC-1	0	PG&E ATV ACCES PARTIAL PLAN AND PROFILE		OPEN	7/1/02	6/13/02		
STRUC-1	2	PG&E ATV ACCES PARTIAL PLAN AND PROFILE		OPEN		8/21/02		
STRUC-1	1	PILE DRIVING HAMMER DATA		OPEN		6/26/02		
STRUC-1	0	PILE DRIVING CRANE DATA SHEET		OPEN		6/26/02		
STRUC-1	0	PILE DRIVING ANALYZER DATA SHEET		OPEN		6/26/02		
STRUC-1	1	GROUND VIBRATION EQUIPMENT DATA SHEET		OPEN		6/26/02		
STRUC-1	0	NOISE MONITORING PLAN		OPEN		6/26/02		
STRUC-1	1	PILE LATERAL LOAD PROCEDURE		OPEN		6/26/02		
STRUC-1	1	PILE COMPRESSION LOAD TEST PROCEDURE		OPEN		6/26/02		
STRUC-1	1	PILE TENSION LOAD TEST PROCEDURE		OPEN		6/26/02		
STRUC-1	0	ADMIN-CONTROL/MAINT/ WAREHOUSE BUILDING- CONCEPTUAL FLOOR PLAN & ELEVATION		OPEN		11/6/01		
STRUC-1	0	ADMIN-CONTROL/MAINT/ WAREHOUSE BUILDING CONCEPTUAL ELEVATIONS & SECTION		OPEN		11/6/01		
STRUC-1	0	ADMIN-CONTROL RESTROOM FLOOR PLAN, REFLECTED CEILING PLAN & ELEVATIONS		OPEN		11/6/01		
STRUC-1	0	SIEMENS WESTINGHOUSE PLANS AND CALCULATIONS	Comments	OPEN	7/10/02			

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

Doc Number	Ref.	Document Title	Allocated Comments	Open/Closed	Date Comment Ltr	Actual Due Date	CBO Response	CBO Approval
STRUC-1	2	SIEMENS WESTINGHOUSE DRAWING 17-001-HR, GA 501FD INLET SILENCER SYSTEM		OPEN	9/18/02			
STRUC-1		STRUCTURAL CALCS. AND FOGGER SKID ANCHORAGE		OPEN		7/9/02		
STRUC-1		FOUNDATION LOADS AND ANCHORING/STEAM TURBINE SEISMIC LOADS		OPEN		7/9/02		
STRUC-1		STRUCTURAL CALCS. AND DRAWINGS/KETTLE REBOILER/FOUND ANCHORAGES AND SADDLE DES.		OPEN		7/9/02		
STRUC-1	0	COOLING TOWER FOUNDATION COOLING TOWER FOUNDATION PLAN, DRAWING S355	Comments	OPEN	7/23/02			
STRUC-1	2	COOLING TOWER FOUNDATION PLAN, DRAWING S356		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER FOUNDATION PLAN, DRAWING S357		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER FOUNDATION SECTIONS & DETAILS		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER BASIN FOUNDATION		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER PILE PLAN, DRAWING S350		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER PILE PLAN, DRAWING S351		OPEN	9/25/02			
STRUC-1	2	COOLING TOWER PILE PLAN, DRAWING S352		OPEN	9/25/02			
STRUC-1	0	EARTHWORK		OPEN		7/26/02		
STRUC-1	1	EARTHWORK		OPEN		9/30/02		
STRUC-1	0	PREFCAST CONCRETE ELECTRICAL MANHOLES		OPEN		7/26/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CBO Number	Rev.	Document Title	Approved Comments	Open/Closed	Date Commented	Actions to CBO	CBO Response	CBO Approval
STRUC-1		HILLIER/GEIGER CALCS. AND DESIGN NOTES FOR VISUAL SCREEN STRUCTURE FOUNDATION DESIGN		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-1, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		SCREEN FOUNDATION, DRAWING SS-1A		OPEN		9/6/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-2, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-3, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-4, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-5, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-6, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-7, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-8, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-9, FOUNDATION PLAN		OPEN		8/2/02		
STRUC-1		STEAM TURBINE / COUPLING ENCLS. STRUCTURE 1-7		OPEN		8/27/02		
STRUC-1		STEAM TURBINE / STRUCTURAL CALCS.		OPEN		8/27/02		
STRUC-1	0	STG EXCITATION HOUSING ACCESS STAIRS & PLATFORM, CALC. 02484-001-06-030		OPEN		8/29/02		
STRUC-1	0	EXCITER ACCESS PLATFORMS PLAN, SECTION AND DETAILS, DRAWING S720		OPEN		8/29/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

Document Number	Rev.	Document Title	Approved Date	Open Component	Actual CBO Response Date	CBO Response Comment	CBO Response Status
STRUC-1	0	STG PLATFORM, CALC. 02484-001-06-029		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 295'-0 1/2", DRAWING S701		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 275'-6", DRAWING S705		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 279'-8 1/2", DRAWING S706		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 1, 1.5 & 2, DRAWING S750		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 3 & 4, DRAWING S751		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 4.6 & 5, DRAWING S752		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM GIRT ELEVATIONS AT COL. LINES 1, 1.5, D, 2 & C.4, DRAWING S765		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM GIRT ELEVATIONS AT COL. LINES G & 4.8, DRAWING S766		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES A,B,C & C.4, DRAWING S775		OPEN	8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES D,E,F & G, DRAWING S776		OPEN	8/30/02		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CBO Number	Rev.	Description	Approved Comments	Open	Date Compliant	Action to CBO	CBO Response	CBO Approval
STRUC-1	0	STEAM TURBINE PLATFORM S800		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM BASE PLATE DETAILS, DRAWING S805		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM STEEL SECTIONS AND DETAILS SHT 1, DRAWING S810		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM STAIR #4 PLANS AND ELEVATION, DRAWING S830		OPEN		8/30/02		
STRUC-1	0	UNDERGROUND CABLE SIZING CALCULATION, CALC. 02484-01-07- 011		OPEN		8/30/02		
STRUC-1	0	ABOVE GROUND CABLE SIZING CALCULATION, CALC. 02484-01-07- 012		OPEN		8/30/02		
STRUC-1	0	CTG INLET AIR FILTER & SILENCER FOUNDATION PLAN, CALCULATION 02484- 001-06-027		OPEN		9/17/02		
STRUC-1	0	CTG INLET AIR FILTER (UNITS 1&2) FOUNDATION PLAN, DRAWING S220		OPEN		9/17/02		
STRUC-1	0	BOILER FEEDWATER PUMP FOUNDATION PLAN, DRWNG 001-06- 016		OPEN		9/27/02		
STRUC-1	0	BOILER FEEDWATER PUMP FOUNDATION PLAN, DRWNG S320		OPEN		9/27/02		
STRUC-1	0	BOILER FEEDWATER PUMP FOUNDATION SECTIONS & DETAILS, DRWNG S321		OPEN		9/27/02		
STRUC-1	0	CHAIN LINK FENCES AND GATES		OPEN		9/30/02		
MECH-1	B	P&ID FIRE PROTECTION SYSTEM		OPEN		10/31/01		

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CO/C Number	Rev.	Document Title	Approved Comments	Date Closed	Comments	Attached CBO GEN-0	CBO Response	CBO Approval Date
MECH-1	B	P&ID FIRE PROTECTION SYSTEM		OPEN				10/31/01
MECH-1	B	P&ID DOMESTIC WATER SYSTEM		OPEN				10/31/01
MECH-1		P&ID SANITARY WASTE SYSTEM						
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN				10/31/01
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN				10/31/01
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN				10/31/01
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN				10/31/01
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN				10/31/01
GEN-2	0	CONCRETE WORK		OPEN				10/19/01
GEN-2	0	EMBEDDED STEEL AND ANCHOR BOLTS		OPEN				10/19/01
GEN-2	0	PURCHASE AND FABRICATION OF REINFORCING STEEL		OPEN				10/19/01
GEN-2	1	BECHTEL CBO SUBMITTAL LIST		OPEN				10/17/01
GEN-2		BECHTEL CBO SUBMITTAL LIST	Comments	CLOSED	10/16/01	9/28/01		
GEN-2		PROPOSED LIST OF DOCUMENTS FOR THE CTG, STG, AND CONDENSER EQUIPMENT FOR SIEMENS WESTINGHOUSE	Comments	OPEN	9/28/01	9/13/01		
GEN-2		GAS TURBINE DIFFUSER		OPEN			4/22/02	
GEN-4		MR. ARTHUR B. BUTIC, RESIDENT CIVIL ENGINEER	Approved	CLOSED			8/1/01	8/7/01
GEN-4		MR. SHUKE MIAO, RESIDENT CIVIL ENGINEER (RESUBMITTAL)	Approved	CLOSED			12/12/01	1/17/02
GEN-5		BIOLOGICAL SUMMARY AND ACCREDITATION OF Mr. JAMES THOMPSON FOR SIEMENS-WESTINGHOUSE	Approved	CLOSED	N/A	9/5/01	9/28/01	9/28/01
GEN-5		MR. THOMAS FRANKERT, CIVIL ENGINEER	Approved	CLOSED		8/1/01	8/7/01	8/7/01
GEN-5		MR. MARTIN BALLOD, CIVIL AND DESIGN ENGINEER	Approved	CLOSED		11/26/01	1/18/02	1/18/02

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

CO/CN#	Rev.	Document Title	Approved Comments	Open Comments Closed	Actual Date CBO GEO	CBO Response	CBO Approval Date
GEN-5		MR. JOHN V. LANTRY, CIVIL AND DESIGN ENGINEER	Approved	CLOSED	7/24/02		9/20/02
GEN-5		MR. MAHANDRA R. GANDHI, ELECTRICAL ENGINEER	Approved	CLOSED	8/1/01	8/7/01	8/7/01
GEN-5		MR. IRA RUBIN, ELECTRICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED	11/26/01	1/18/02	1/18/02
GEN-5		MR. CHARLES EMMA, ELECTRICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED	6/25/02		9/20/02
GEN-5		MR. DEV CHATTOPADHYAY, MECHANICAL ENGINEER	Approved	CLOSED	8/1/01	1/18/02	1/18/02
GEN-5		MR. MIKE MASI, MECHANICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED	11/26/01	1/18/02	1/18/02
GEN-5		MR. DENNIS CHIANESE, MECHANICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED	6/25/02		9/20/02
GEN-5		MR. IGNACIO ARRANGO'S RESUME, GEO TECH ENGINEER	Approved	CLOSED	N/A	9/4/01	10/11/01
GEN-5		MR. C. BARRY BUTLER AND MR. RICHARD G. WOODARD, GEOTECHNICAL ENGINEERS (RESUBMITTAL)	Approved	CLOSED	12/17/01	1/16/02	1/16/02
GEN-6		MR. DAVID GRAY'S RESUME FOR SIEMENS WESTINGHOUSE	Approved	CLOSED	N/A	9/4/01	9/28/01
GEN-6		MR. JOHN NELSON AND ROMAN REYES, CIVIL ENGINEER RESUMES	Approved	OPEN	N/A	9/28/01	10/11/01
GEN-6		MR. JARROD BORDI, WELDING INSPECTOR		OPEN		7/9/02	
GEN-6		MR. MICHAEL EVERSON, WELDING INSPECTOR		OPEN		7/9/02	
ELEC	0	DRAWING E101, ELECTRICAL SYMBOLS SHEET 1		OPEN		8/2/02	

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

C.C. Number	Rev.	Document Title	Approved Components	Date Closed	Comments	Achieved CBO Response	CBO Response App'd.
ELEC	0	DRAWING E102, ELECTRICAL SYMBOLS SHEET 2	OPEN	8/2/02			
ELEC	0	DRAWING E103, ELECTRICAL SYMBOLS SHEET 3	OPEN	8/2/02			
ELEC	0	DRAWING E105, ELECTRICAL MAIN ONE LINE DIAGRAM CTG#1	OPEN	8/2/02			
ELEC	0	DRAWING E106, ELECTRICAL MAIN ONE LINE DIAGRAM CTG#2	OPEN	8/2/02			
ELEC	0	DRAWING E107, ELECTRICAL MAIN ONE LINE DIAGRAM STG	OPEN	8/2/02			
ELEC	0	DRAWING E108, 4160V SWITCHGEAR BUS 001A & 001B ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E109, 4160V SWITCHGEAR BUS 001A ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E110, 4160V SWITCHGEAR BUS 001B ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E111, 4160V SWITCHGEAR BUS 001B & STBY GEN ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E113, 4160V COOLING TOWER MCC 001A ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E114, 4160V COOLING TOWER MCC001B ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E120, 480V SWITCHGEAR BUS 001A ONE LINE DIAGRAM	OPEN	8/2/02			
ELEC	0	DRAWING E121, 480V SWITCHGEAR BUS 001B ONE LINE DIAGRAM	OPEN	8/2/02			

STATUS OF CBO SUBMITTALS FOR SEPTEMBER 2002

Category	Rev.	Document Title	Approved Comments	Date Committal	Action to CBC	CBC Response	CBC Approval
Comments	Closed	Comments	Comments	Comments	Comments	Comments	Comments
ELEC	0	DRAWING E122, 480V SWITCHGEAR BUS 002A ONE LINE DIAGRAM		OPEN		8/2/02	
ELEC	0	DRAWING E123, 480V SWITCHGEAR BUS 002B ONE LINE DIAGRAM		OPEN		8/2/02	
ELEC	0	DRAWING E124, 480V SWITCHGEAR BUS 003A ONE LINE DIAGRAM		OPEN		8/2/02	
ELEC	0	DRAWING E125, 480V SWITCHGEAR BUS 003B ONE LINE DIAGRAM		OPEN		8/2/02	
ELEC	1	ELECTRICAL EQUIP DRAWING LAYOUT, DRWNG E900		OPEN		9/26/02	
ELEC	1	ELECTRICAL EQUIP PLAN PDC-1 CTG UNIT 1, DRWNG E902		OPEN		9/26/02	
ELEC	1	ELECTRICAL EQUIP PLAN PDC-2 CTG UNIT 2, DRWNG E903		OPEN		9/26/02	
ELEC	1	ELECTRICAL EQUIP PLAN PDC-3 CEMS/HRSRG UNIT 1, DRWNG E904		OPEN		9/26/02	
ELEC	1	ELECTRICAL EQUIP PLAN PDC-4 CEMS/HRSRG UNIT 2, DRWNG E905		OPEN		9/26/02	
ELEC	1	ELECTRICAL EQUIP PLAN PDC-5 COOLING TOWER, UNIT 1 DRWNG E906		OPEN		9/26/02	
ELEC	0	ELECTRICAL EQUIP PLAN PDC-6 WATER TREATMENT AREA, DRWNG E907		OPEN		9/26/02	
ELEC	0	ELECTRICAL EQUIP PLAN STG NON SEG BUS LAYOUT, DRWNG E914		OPEN		9/26/02	